

Overview of the research equipment of the members of the University of Maribor with value over EUR 5,000.00

No.	Name of the equipment	Equipment purpose	Equipment keeper
Faculty of Electrical Engineering and Computer Science (FERI)			
1.	COMPUTER SUPERMICRO DUAL XEON	Computer equipment for data processing and inference	Izidor Mlakar
2.	405 nm laser source	405 nm laser source coupled into single mode fiber for research work	Denis Donlagić
3.	RTDS	Real time digital simulator enables power system simulations and closed-loop testing of measurement, control, protection and power equipment.	Boštjan Polajžer
4.	Current and voltage amplifier	Amplifier enables connection of measurement and protection equipment to RTDS.	Boštjan Polajžer
5.	SEM/FIB micromachining and lithography system	Micro and nano machining using focused ion beam lithography process	Denis Donlagić
6.	FIBER COUPLED, BROAD SPECTRUM SUPERCONTINUUM LIGHT SOURCE	Broadband light source with ultra wide emission spectrum	Denis Donlagić
7.	EVALUATION KIT - GEN4M 720P-CD	Event base camera with human Eye emulation for neuromorphic processes in domain of artificial intelligence with extreme dynamic range in very high spatial accuracy.	Iztok Kramberger
8.	DEWESOFT DATA ACQUISITION SYSTEM	56 channel system for simultaneous acquisition of temperature, voltage, currents, and power, with real-time signal processing.	Gorazd Štumberger
9.	MICROSCOPIC UNIT + ILLUMINATOR	Microscope unit with white light illuminator provides a simple and compact solution for observing a wide range of objects: metal, resin, printed surfaces, miniature mechanisms, etc., and is suitable for microfabrication with various optical laser systems.	Denis Donlagić

10.	GROUND PENETRATING RADAR	The equipment allows without contact analysis of the soil below the surface of the ground, asphalt or walls. For this purpose, we have a 50 MHz and 500MHz antenna, which allows the analysis of the soil structure up to 20 m below the surface.	Dušan Gleich
11.	HUMANOID ROBOTIC UNIT PEPPER	Social robotic system to engage with patients and clinicians in two clinical studies carried out at UKC Maribor	Izidor Mlakar, Riko Šafarič
12.	HPC PLATFORM FOR IMPLEMENTING DEEPLARNING IN THE FIELD OF ARTIFICIAL INTELLIGENCE	HPC platform for implementing deep learning in the field of artificial intelligence.	Zdravko Kačič
13.	TESTER BATERIJ, MOČNOSTNI SIMULATOR ELEKTRIČNEGA OMREŽJA IN TEMPERATURNA KOMORA	Laboratory for active electricity networks and simulations of electrical power systems offers a unique test environment consisting of real-time software power system simulator linked with hardware grid and load simulators, and energy storage systems, enabling beyond state-of-the-art testing and development of equipment, algorithms and solutions, required for green transition in electricity supply sector.	Gorazd Štumberger
14.	EMI TEND	Electromagnetic interference (EMI) tent for equipment protection.	Dušan Gleich
15.	3D LASER SCANNING CONFOCAL MICROSCOPE SYSTEM	3D Laser Scanning Confocal Microscope has capabilities for 3d scanning of transparent samples with high resolution. It includes motorized stage, measurement head, controller and PC with software for image processing and manipulation and analysis.	Denis Donlagić
16.	WORKSTATION XEON DUAL RTX8000	Workstation to support the development of AI and E2E speech technologies for the Humanoid robot	Izidor Mlakar

17.	TUNABLE LASER SOURCE	Tunable laser source cover the wavelength range from 1490 to 1640 nm, having narrow linewidth with low spontaneous emission. It offers stable output power, high tuning speed, high wavelength accuracy, and high repeatability. It have continuous-sweep functionality, a peak output power of more than 15 mW, and performs two-way sweeps with up to 200 nm/s, with repeatability at least ± 1.5 pm. Tunable laser source provides real-time wavelength measurements, which benefits in improved stabilization.	Denis Đonlagić
18.	BATTERY ENERGY STORAGE SYSTEM	Laboratory for active electricity networks and simulations of electrical power systems offers a unique test environment consisting of real-time software power system simulator linked with hardware grid and load simulators, and energy storage systems, enabling beyond state-of-the-art testing and development of equipment, algorithms and solutions, required for green transition in electricity supply sector.	Gorazd Štumberger
19.	LCR-8201 HIGH-Frequency LCR METER	High-Frequency LCR Meter enables measurements of inductance, capacitance and resistance of electronic components at frequencies up to 1 MHz to provide their impedance characteristic curves and values for subsequent analysis.	Iztok Kramberger
20.	ROBOT ARM FRANKA EMIKA PANDA	7-axis collaborative robot arm for research and teaching	Aleš Hace
21.	FILM APPLICATION DEVICE	Automatic film application device with a heated working surface and integrated vacuum pump; film wet thickness from 50 μm up to 200 μm	Alenka Ojsteršek

22.	INSTRUMENT FOR THERMOGRAVIMETRIC ANALYSIS	TGA instrument enables determination of temperature decomposition and studies of material combustibility, sample volatility, moisture and solvent content, and oxidation stability	Alenka Ojsteršek
23.	OSCILLOSCOPE	Measuring electrical signals and displaying them on a screen with the possibility of connecting the instrument to the computer network and processing signals on the computer.	Miro Milanovič
24.	MICROSOFT HOLOLENS 2	Holografic smartglasses for research	Aleš Hace
25.	COMPUTER WORKSTATION SYSGEN MTS QUADRO RTX 8000	Computer equipment for data processing.	Zdravko Kačič
26.	3 X SERVER HPE PROLIANT DL 380 GE3N10	Computer equipment for data processing.	Darinka Verdonik/Milan Ojsteršek
27.	HIGH RESOLUTION OPTICAL SPECTRUM ANALYZER	The equipment supports the analysis of the optical spectrum in a wide range of wavelengths from 350 to 1750 nm with a resolution of 2 pm.	Denis Đonlagić
28.	ROTOR MILL	Comminution of soft to medium-hard, brittle and fibrous materials as well as temperature-sensitive samples	Manja Kurečič
29.	HOMOGENIZATION MIXING DEVICE	Device enables simultaneous mixing, dispersion, and deaeration of various materials from low to high viscosities for preparation of homogenous mixtures and particle dispersions	Selestina Gorgieva
30.	SPRAY DRYNG DEVICE	Spray dryer for preparation of dry powdered particles from different liquid samples, e.g. polymer solutions and fibre suspensions	Silvo Hribernik
31.	OPTICAL SPECTRAL INTERROGATOR (4ch)	Micron Optics Si155 is an industrial grade optical sensing interrogator featuring both static and dynamic full spectrum analysis.	Denis Đonlagić
32.	PROFILOMETER	Research work equipment	Silvo Hribernik
33.	MICROFLUIDIC SYSTEM	Equipement for working with microfluidic systems	Denis Đonlagić
34.	OPTICAL TABLE WITH STAND	Equipement for working with optical systems	Denis Đonlagić
35.	COMPUTER ASUS DUAL XEON 2U	Computer equipement for data processing	Zdravko Kačič

36.	VISCOMETER	Liquid viscosity meter.	Mladen Trlep
37.	FEMTOSECOND MICRO PROCESSING SYSTEM	Treatment of fibre structures with femtosecond laser assembly comprising a laser, a carrier, a movable table, etc.	Denis Đonlagić
38.	SYSTEM FOR WELDING AND TRANSFORMATION OF OPTICAL FIBERS BASED ON CO ₂ LASER	Research equipment.	Denis Đonlagić
39.	CLARIN HPC COMPUTER SERVER	Computer equipment for data processing.	Darinka Verdonik
40.	X-RAY POWDER DIFFRACTOMETER	Research equipment.	Denis Đonlagić
41.	PHYSISORPTION APPARATUS FOR DETERMINATION OF PORES AND SPECIFIC SURFACES	Research equipment.	Denis Đonlagić
42.	DEVICE FOR DETERMINING THE COMPARATIVE INDEX OF INSULATION MATERIALS	Research equipment.	Mladen Trlep
43.	WIRE EROSION MACHINE	Research equipment.	Denis Đonlagić
44.	LABORATORY FURNACE	Tube furnace for pyrolysis and carbonization of samples.	Denis Đonlagić
45.	FUME HOOD	Fume hood for performing chemical/synthesis reactions with volatile and hazardous compounds; removal of volatiles.	Denis Đonlagić
46.	OPTICAL DETECTOR	Research equipment.	Dušan Gleich
47.	OPTICAL RF TRANSMITTER	Research equipment.	Dušan Gleich
48.	SYSTEM FOR THE PROCESSING OF SiO ₂ OPTICAL FIBER WITH A GRAPHITE HEATER	Facility as part of research laboratory LEOSS	Denis Đonlagić
49.	MAGNETRON SPUTTERING SYSTEM SC450	Research equipment for splicing all standard and all non-standard special optical fibers including fibers with large diameters, PCF fibers, PM fibers, capillaries and other specialty fibers of various compositions and shapes	Denis Đonlagić
50.	AUTOMATIC METER FOR DETERMINING PORE SIZE	Capillary porometer for determining pore size, porosity, specific surface area of flat samples (membranes, films, fibrous materials).	Denis Đonlagić

51.	DEVICE FOR DETERMINATION OF RHEOLOGICAL PROPERTIES	Device for analysis of rheological properties of fluids, polymer solutions and melts, as well as particle dispersions; viscosity, loss and storage modulus determination in amplitude and frequency sweeps and at different temperatures.	Denis Đonlagić
52.	CW THZ SPECTROSCOPY PLATFORM	THz radar for material characterization.	Dušan Gleich
53.	MICROCAPULATION DEVICE	Device for fabrication of polymer capsules and encapsulation of active substances in polymer shells.	Denis Đonlagić
54.	LYOPHILIZATION DEVICE	Device for drying samples with the process of ice sublimation for porous structure preservation.	Denis Đonlagić
55.	OPTICAL SPECTRAL DISTRIBUTOR	Micron Optics Si155 is an industrial grade optical sensing interrogator featuring both static and dynamic full spectrum analysis.	Denis Đonlagić
56.	LENOVO SERVER SR650	Computer equipment for data processing.	Vili Podgorelec
57.	PROTOTYPE SPOT WELDING SYSTEM	Testing of welding transformers.	Drago Dolinar
58.	ACQUITEK S.A.S. MEASURING EQUIPMENT	Measuring equipment Acquitek S.A.S.	Mladen Trlep
59.	MEASURING YOKE	Measuring yoke.	Mladen Trlep
60.	GENERATOR N5171B EXG X- SERIES RF ANALOF	Radio frequency generator for radar systems.	Dušan Gleich
61.	DREAMOC XL3 HOLOGRAPHIC PROJECTOR	Research.	Borut Žalik
62.	CISCO 9300 NETWORK SWITCH; CATALYST 48-PORT POE + SFP MULTIMODE	Cisco switch for the data centre of the Laboratory for digital signal processing.	Zdravko Kačič
63.	SERVER	Domain, Licence and web server.	Dušan Gleich
64.	ELINTOS MEASURING EQUIPMENT	Measurement equipment Elintos.	Mladen Trlep
65.	LATHE	Universal lathe 360x1000.	Aleš Hace
66.	SONDA N2752A, US53331766, GGHZ	Equipment is used with a spectral analyzer for data acquisition.	Dušan Gleich
67.	MAGNET-PHYSIK MEASURING EQUIPMENT	Magnetizing and measurement technology equipment.	Mladen Trlep
68.	SERVER	Domain, Licence and web server.	Dušan Gleich
69.	UNICOMP AX-8200 X-Ray system	X-ray system for high resolution imaging of electronic circuits and electronic printed circuit boards.	Iztok Kramberger

70.	KEYSIGHT MY 53130128 OSCILLOSCOPE	The oscilloscope is used for monitoring analog and digital signals.	Dušan Gleich
71.	SPECTRAL ANALYZER N9020B MXA	Spectral analyzer for electrical circuits.	Dušan Gleich
72.	OPTICAL INTERROGATOR	Optical interrogator FAZ I4E is used to quickly capture an optical signal.	Denis Đonlagić
73.	WELDING TRANSFORMER FOR RESISTANCE SPOT WELDING	Testing of welding transformers.	Drago Dolinar
74.	SUPERMICRO SERVER	This equipment is a computer server for the project "Slovenščina na dlani", http://projekt.slo-na-dlani.si/ .	Darinka Verdonik
75.	EMG SIGNAL AMPLIFIER	Amplifier and AD converter for surface electromyograms.	Aleš Holobar
76.	WELDING TRANSFORMER FOR RESISTANCE SPOT WELDING	Testing of welding transformers.	Drago Dolinar
77.	SERVER UPGRADE	The server is used for research work in natural language processing, text mining, knowledge extraction from texts and for development of plagiarism detection algorithms. It is also used for hosting web, mobile and backend applications for the project "Slovenščina na dlani".	Milan Ojsteršek
78.	NEXUS 31108VXLAN 48X 10GT	Cisco switch for the data centre of the Laboratory for digital signal processing.	Darinka Verdonik
79.	TOSHIBA BATTERY SYSTEM	Toshiba Lithium Titanium Oxide Battery for 4 kWh Electric Energy Storage with BMS.	Gorazd Štumberger
80.	OCTOCOPTER MATRIX 600 PRO	The octocopter is used for payload mounting and observation.	Dušan Gleich
81.	RADAR	65GHz radar.	Dušan Gleich
82.	HAAS VM-2 MACHINE	CNC machine.	Aleš Hace
83.	FIBRE CUTTER 3 SAE LCC II	This optical fibre cutter has an alloy gripper that melts at a lower temperature than the boiling point of water. Therefore, when inserting the fibres, torque does not occur. Useful for standard and larger diameter fibres.	Denis Đonlagić
84.	SERVER SUPERMICRO 6028TP-HTTR	Server system for the data center of the Laboratory for digital signal processing.	Zdravko Kačič
85.	LINEAR ENGINE DRIVE	Testing of electrical machines.	Drago Dolinar
86.	ROBOT UR3	Desktop 6DOF collaborative robot arm Universal Robots with 3 kg max. load for educational purpose and research.	Aleš Hace
87.	AC POWER SUPPLY	AC power supply unit with a power rate up to 6 kW.	Miro Milanovič
88.	LICENSE ANSYS	Academic licence.	Borut Žalik

89.	LICENSE ALTIUM	Software dedicated for PCB design.	Miro Milanovič
90.	FUJITSU PRIMERGY RX 2540 M2 SERVER	Computer equipment for data processing.	Marjan Heričko
91.	LASER OPTICAL FIBRE WELDING SYSTEM	System for splicing optical fibres with a CO2 laser is used for positioning and splicing optical fibres using cameras.	Denis Đonlagić
92.	ASUS 7170-WS SERVER	Computer equipment for data processing.	Marjan Heričko
93.	LPKF PROTOFLOW S FURNACE	Reflow soldering of electronic components to printed circuit boards using specified computer-guided temperature profiles.	Iztok Kramberger
94.	TRUEIR CAMERA	Thermal camera for temperature measurements	Miro Milanovič
95.	DEWESOFT MEASURING EQUIPMENT	Control and regulating system for testing electrical machines.	Drago Dolinar
96.	ROBOT FD V6 WITH CONTROLLER	6DOF industrial robot for educational purpose and development projects.	Aleš Hace
97.	NI OPTICAL SIGNAL PROCESSING UNIT	Optical interrogator NI is used to read up to four optical channels simultaneously.	Denis Đonlagić
98.	CROMA ELECTRONIC LOADS	Electronic load for experimentation up to 10 kW.	Miro Milanovič
99.	OSCILLOSCOPE DPO4054B	Measuring electrical signals and displaying them on a screen with the possibility of connecting the instrument to the computer network and processing signals on the computer.	Miro Milanovič
100.	SUPERMICRO 6028R SERVER	Server.	Borut Žalik
101.	3D PRINTER	3D printer for printing plastic pieces.	Denis Đonlagić
102.	ROBOT - GRIPPER	Adaptive two-finger gripper for a collaborative robot arm.	Aleš Hace
103.	RIGOL DSG3060	Generating radio signals with amplitude quadrature modulation in a frequency range up to 6 GHz.	Iztok Kramberger
104.	RIGOL DSA875-TG	Spectrum analysis of circuits and electromagnetic spectrum from 9 kHz to 7.5 GHz with tracking generator.	Iztok Kramberger
105.	NANO FORCE SENSOR	Miniature 6-axis force/torque robot sensor.	Aleš Hace
106.	VIDEO CAMERA JVC	Equipment for preparing video content.	Marjan Heričko

107.	SERVER FUJITSU PRIMERGY	Computer equipment for data processing.	Marjan Heričko
108.	SERVER FUJITSU PRIMERGY	Computer equipment for data processing.	Marjan Heričko
109.	METAL CONSTRUCTION	Frame for PV power plant with sun tracker.	Gorazd Štumberger
110.	ROBOT UR5	6DOF collaborative robot arm Universal Robots with 5 kg max. load for educational purpose and research.	Aleš Hace
111.	MAXELLER EQUIPMENT	Research equipment.	Borut Žalik
112.	OSCILLOSCOPE MDO4104B-6	It is a device with which we observe the change in voltage as a function of time.	Denis Đonlagić
113.	OSCILLOSCOPE MDO4104B-6	The oscilloscope is used for monitoring analog and digital signals.	Dušan Gleich
114.	3D PRINTER	3D printer Stratasys uPrint SE 3D for ABSplus, FDM technology, for rapid prototyping.	Aleš Hace
115.	3D PRINTER	Production of mechatronic ABC plastic components.	Miro Milanovič
116.	USRP X 310 KIT	The equipment is used for simulating principles of transmitting and receiving radio signals.	Dušan Gleich
117.	NI OPTICAL SIGNAL PROCESSING UNIT	Optical interrogator NI is used to read up to four optical channels simultaneously.	Denis Đonlagić
118.	SIRIUS MEASURING EQUIPMENT	The measuring system enables space distributed and time-synchronized measurements of currents and voltages with 1MS/s sampling.	Gorazd Štumberger
119.	DC SOURCE OF MAGNA POWER LXI	DC power supply unit for experimenting in the laboratory with a power rate of up to 10 kW.	Miro Milanovič
120.	EYE GUIDE MOBILE TRACKER	The equipment is intended for conducting quantitative and qualitative research in the field of usability and user experience of modern IT solutions. The purpose of the software is to provide empirical data on the basis of objective metrics that are related to usability and user experience when interacting with a specific device or information solution. The device enables mobile data capturing.	Boštjan Šumak
121.	SERVER IBM INTEL XEON	The server is equipped with GNU/Linux operating system.	Janez Brest
122.	ROBOTIC FORCE SENSOR	6-axis force/torque robot sensor.	Aleš Hace

123.	HYBRID REWORK SYSTEM 01RHR100A-HP	Hybrid rework system.	Dušan Gleich
124.	PCB CUTTER	Production of two-layer PCBs.	Miro Milanovič
125.	SOFTWARE LICENSE	Dedicated equipment, designed and developed for the needs of the SIPINA development project for the integration of the developed e-reader system.	Darinka Verdonik
126.	ROBOT ARM	6DOF service robot arm Kinova Mlco for educational purpose and research.	Aleš Hace
127.	SIRIUS MEASURING SYSTEM	The measuring system enables space distributed and time synchronized measurements of currents and voltages with 1MS/s sampling.	Jože Pihler
128.	SIKA TEMPERATURE CALIBRATOR	Temperature calibrator Sika is used for the short and long term performance of temperature tests on various sensors.	Denis Đonlagić
129.	LEGO MINDSTROMS BASIC SET, CHARGER, LIGHT SENSOR, ULTRASONIC SENSOR	Educational equipment for teaching mobile robot programming.	Riko Šafarič
130.	IBM SYSTEMX SERVER	Server computer for software licenses.	Aleš Hace
131.	C-RIO-9074 INTEGRATED CONTROLLER AND CHASSIS SYSTEM EQUIPMENT	The industrial microcontroller is used for data acquisition of electrical signals in industry.	Dušan Gleich
132.	SERVER HP DL360pGen8	The server is used for hosting national open-access infrastructure. It aggregates content from open access repositories and other sources, recommends similar contents and supports the process of plagiarism detection.	Milan Ojsteršek
133.	MAGNETRON SPUTTERING SYSTEM SC450	SC450 is used for thin deposition of dielectric and electrically conductive materials, using RF and DC sputtering guns.	Denis Đonlagić
134.	EEG AMPLIFIER	Amplifier and AD converter for electroencephalograms.	Aleš Holobar
135.	SERVER HP DL380p Gen8 INTEL XEON E5-2640	Server.	Borut Žalik
136.	SOURCE METER DEI 2410 110V-1A-20W+KELVIN PLIERS	Testing of electrical machines.	Drago Dolinar
137.	SUPERMICRO AS-2022G-URF4+ SERVER	Server.	Borut Žalik
138.	OSCILLOSCOPE 350MHz	The oscilloscope is used for monitoring analog and digital signals.	Dušan Gleich

139.	RMG AND EEG USB EM G2 SIGNAL AMPLIFIER 64 CHANNELS	Amplifier and AD converter for surface electromyograms and electroencephalograms.	Aleš Holobar
140.	FANUC ROBOT M-11A/0.5A-30A-MO-PL	6DOF parallel industrial robot for educational purpose and development projects.	Aleš Hace
141.	GE INTELLIGENT PLATFORMS SYSTEM SOFTWARE	Robot software.	Miro Milanović
142.	INFORTREND DISK SYSTEM EonStorDS S16E-G2142-6	Disc array for the data center of the Laboratory for digital signal processing	Zdravko Kačič
143.	HD CAMERALINK CAMERA (BASLER CMOSIS) WITH ACCESSORIES	High-speed video camera	Aleš Holobar
144.	CONCORDANCER FOR SPEECH CORPUS	Software - concordancer for speech corpus GOS, which is operating on the web site www.korpus-gos.net .	Darinka Verdonik
145.	SEMI-AUTOMATIC WORK STATION - REWORK DEVICE ERSA01R550A	Rework station for electronic boards prototyping.	Zdravko Kačič
146.	OPTICAL FIBRE CUTTER	The optical fibre cutter is used for precision cuts of standard and special fibres as well as larger diameter fibres.	Denis Đonlagić
147.	ACE JIT 1103	Testing of electrical machines.	Drago Dolinar
148.	SATELLITE ANTENNA SYSTEM	Communication with satellites using a software-defined radio.	Iztok Kramberger
149.	RTA 50MHz ANTENNA - SMALL GEOSCIENCE	The antenna is a set of MALA georadar.	Dušan Gleich
150.	BATTERY KOKAM 70Ah LI PO RECH	DC power supply.	Miro Milanović
151.	TORQUE SENSOR DR 2208	The motor axis torque sensor.	Gorazd Štumberger
152.	ELECTRONIC SCANNER MICROSCOPE PHILIPS XL30	Philips XL30 is a device for microscopic analysis of samples of various shapes and raw materials.	Denis Đonlagić
153.	TAPE LIBRARY IMB	Equipment for archiving and security backups.	Marjan Heričko
154.	MICROSCOPE - ELECTRONIC PHILIPS XL30	Philips XL30 is a device for microscopic analysis of samples of various shapes and raw materials.	Denis Đonlagić
155.	MICROSCOPE - ELECTRONIC PHILIPS XL30	Computer equipment for data processing.	Matjaž Colnarič
156.	VACUUM SPRAYER DENTON VACUUM	Denton Vacuum is used for depositing a thin layer of metal coatings.	Denis Đonlagić
157.	VYTRAN SPLICER FFS-2000	Filament fusion splicer for splicing optical fibers with diameters from 80 to 200 μm .	Denis Đonlagić

158.	OPNET MODELER LICENSE UPGRADES	Program equipment is used for network simulation.	Dušan Gleich
159.	SCHOOL ROBOT SKARA - 5 PCS.	Simple 2DOF robot mechanism for educational purpose (in-house made).	Aleš Hace
160.	NI PXI-1042 8.SLOT 3U CHSDDID/U SC PS, NI PXI-8196 PENTIUM /W XP	The equipment is used for data acquisition of analog signals.	Dušan Gleich
161.	LICENSE - (SOFTWARE) - PROJECT M2-0140	Program equipment for network simulation.	Dušan Gleich
162.	LICENSE - (SOFTWARE) - PROJECT M2-0140	Program equipment for network simulation.	Dušan Gleich
163.	DEVELOPMENT SERVER WITH MePIS INSTALLED EQUIPMENT	Development server with MePIS software. Developing applications for the management of production processes. MES.	Marjan Golob
164.	HOHENLOHER FUME HOOD	The fume hood serves as a breather element to remove harmful vapours in the implementation of chemical processes.	Denis Đonlagič
165.	CONTROL CABINET + MANIPULATOR	The manipulator can be used for practical courses of students in robotics and for the study of cinematics of robot mechanisms.	Miro Milanovič
166.	WORKBENCH FOR OPTICAL MEASUREMENTS	The workbench for optical measurements is used for precise placement and screwing of the measured optical lines.	Denis Đonlagič
167.	HYDROGEN FUEL CELL 1.2KW	The equipment has education purposes. It can be used to demonstrate the production of electricity from hydrogen (up to 1.2 kW).	Miro Milanovič
168.	SERVER DUAL	Computer equipment for data processing.	Marjan Heričko
169.	WORKBENCH FOR OPTICAL MEASUREMENTS	The workbench for optical measurements is used for precise placement and screwing of the measured optical lines.	Denis Đonlagič
170.	WORKBENCH FOR OPTICAL MEASUREMENTS	Thr workbench for optical measurements is used for precise placement and screwing of the measured optical line.	Denis Đonlagič
171.	ROBOT YAMAHA HPB	The manipulator can be used for educational purposes and for the study of cinematics of robot mechanisms.	Miro Milanovič
172.	AMPLIFIER FOR TCPA300 CURRENT PROBE	Measurements of currents in power electronics converters and applications.	Miro Milanovič
173.	SUN FIRE V40z AMD OPTERON SERVER	Computer equipment for data processing.	Marjan Heričko

174.	DRILLING/MILLING MACHINE OPTI BF20 VARIO	Used for production of mechatronic components.	Miro Milanovič
175.	FISO UMI OPTICAL SIGNAL PROCESSING UNIT	Optical signal process unit UMI is used for multichannel optical signal capture.	Denis Đonlagić
176.	SUN FIRE OPTERON 3U COMPUTER SERVER	Computer equipment for data processing.	Marjan Heričko
177.	HP6 INDUSTRIAL ROBOT WITH NX100 CONTROLLER	6DOF industrial robot for educational purpose and development projects.	Aleš Hace
178.	HP6 INDUSTRIAL ROBOT WITH NX100 CONTROLLER	Industrial robots can be used for practical courses in robotics and for the study of cinematics of robot mechanisms.	Miro Milanovič
179.	NEPLAN SOFTWARE	Software for electric grid simulation.	Jože Pihler
180.	SDL SUITE UNIVERSITY PACK /TELELOGIC/ SOFTWARE	The equipment is intended for the development of SDL software for telecommunication systems.	Zmago Brezočnik
181.	JVC GY DV5001E VIDEO CAMERA	Equipment for preparing video content.	Marjan Heričko
182.	OPTICAL MEASUREMENT INSTRUMENT FOR OPTICS - KIT (83480A + 83485A)	Optical measurement instrument 83480A+83485A is used to analyze fast optical signals through eye diagrams.	Denis Đonlagić
183.	PAMA MANIPULATOR - 04	Simple 2DOF parallel robot mechanism for educational purpose (in-house made).	Aleš Hace
184.	PHOTOVOLTAIC MODULE 105 Wp 24 pcs	PV modules for PV power plant.	Jože Pihler
185.	DELTA HAPTICAL DEVICE WITH ACCESSORIES	Measurement of wrist positions and motion with six degrees of freedom and haptic interface.	Aleš Holobar
186.	OPTICAL SPECTRAL ANALYZER ANDO AQ6137B	Optical spectrum analyzer ANDO AQ6137B is used to measure and display the power distribution of an optical source over a specified wavelength range.	Denis Đonlagić
187.	HP PROLIANT DL380 SERVER	Computer equipment for data processing.	Marjan Heričko
188.	DATA GLOVE	Measurement of finger positions and motion in one hand.	Aleš Holobar
189.	COMM. CABINET 48HE	Standard communication equipment for servers.	Marjan Heričko
190.	REG. AC MOTOR DRIVE	The controlled motor drive is used for the study and development of different control algorithms. The drive can operate in motor and generator regimes.	Miro Milanovič

191.	CARDS PCI-6024E-5PCS	Multifunction I/O devices offer a mix of I/O with varying channels, sample rates, output rates, and other features to meet many common measurement requirements.	Denis Đonlagić
192.	TUNABLE LASER SOURCE ANRITSU MG9637A	Anritsu MG9637A is a variable laser source from 1500 to 1580 nm, which is used in wavelength dependent systems.	Denis Đonlagić
193.	BUILT-IN MODULES FOR LABORATORY EQUIPMENT	The modules include electrical protection elements, power switches, connectors for connecting electrical measuring devices.	Denis Đonlagić
194.	CABLE COMM. SYSTEM CE 111	The spectral analyzer is used for monitoring cable traffic.	Dušan Gleich
195.	BUILT-IN MODULES FOR LAB TABLE	The measuring equipment is appropriate for implementing practical laboratory courses and research on analogue components of industrial electronics.	Miro Milanović
196.	ELECTRICAL INSTALLATION OF TABLES	Measurements and testing of electronic components and circuits.	Iztok Kramberger
197.	DYNAMOMETER BASE	Testing of electrical machines.	Drago Dolinar
198.	DYNAMOMETER BASE	Testing of electrical machines.	Drago Dolinar
199.	DSPACE 1103 CONTROLLER	Testing of electrical machines.	Drago Dolinar
200.	SERVO ENGINE FHA-25B (3PCS)	Motors appropriate for experimentation of motor-drives.	Miro Milanović
201.	SIEMENS CONTROLLERS	Siemens SIMATIC S7-400 PLC, with modules and software. Development of advanced control algorithms.	Marjan Golob
202.	AC ENGINE	Testing of electrical machines	Drago Dolinar
203.	BREAKS	Testing of electrical machines	Drago Dolinar
204.	TORQUE SENSOR	Testing of electrical machines.	Drago Dolinar
205.	AC POWER REGULATOR 4.3.-400	Frequency converter.	Drago Dolinar
206.	DIG.OSCILLOSCOPE LT344 LECROY	Four-channel measurements and analysis of signals in electronics with a bandwidth of up to 500 MHz.	Iztok Kramberger
207.	DIG.OSCILLOSCOPE LT344 LECROY	4 channel digital oscilloscope. It measures voltage or current signals over time in an electronic circuit or component to display amplitude, frequency and rise times, etc.	Denis Đonlagić

208.	FREQUENCY CONVERTER RAC 3.5	Power supply of electrical machines	Drago Dolinar
209.	DSPACE CONTROLLER	Control system for testing of electrical machines.	Drago Dolinar
210.	POWER ANALYZER D6100M	Testing of electrical machines	Drago Dolinar
211.	CONTROLLER AND CONTROL SYSTEM	Laboratory model of the distillation process and industrial control system. Measuring process variables and advanced (fuzzy) process control.	Marjan Golob
212.	POLARIMETER PAT9000	The PAT9000 polarimeter is used to measure the rotation angle of an optical signal.	Denis Đonlagić
213.	NOMAD MOBILE STATION	Mobile robot system with ultrasonic and infrared sensors appropriate for the study of orientation in unknown environments.	Miro Milanović
214.	CONTROLLER AND CONTROL SYSTEM	Mobile laboratory model of the hydraulic process and industrial control system. Measuring of process variables and advanced process control.	Marjan Golob
215.	INFRARED CAMERA PBS 7290A-E	An infrared or heat search camera is a device that creates an image using infrared radiation, much like a camera that creates an image using visible light.	Denis Đonlagić
216.	TORQUE METER OD JR3	6-axis force/torque robot sensor.	Aleš Hace
217.	KIT-AT-MIO SCXI 1000	The SCXI-1000 is a chassis that powers SCXI modules as well as handles all timing, trigger, and signal routing between other modules and SCXI modules.	Denis Đonlagić
218.	KIT AT-MIO SCXI 1000	The equipment is used for data acquisition of analog signals.	Dušan Gleich
219.	NOMAD MOBILE STATION	Mobile robot system with ultrasonic and infrared sensors appropriate for the study of orientation in unknown environments.	Miro Milanović
220.	OSCILLOSCOPE TDS520B	Measuring electrical signals and displaying them on a screen with the possibility of connecting the instrument to the computer network and processing signals on the computer.	Miro Milanović

221.	MODULE TD385 FOR OTDR TD3486	It is a suitable solution for monitoring optical fibre networks.	Denis Donlagić
222.	OPTICAL POWER METER ILX LIGHTWAVE OMM-6810B	The lightwave multimeter ILX is used for measuring absolute power of the optical signal, insertion loss and return loss.	Denis Donlagić
223.	OSCILLOSCOPE HP 54616B 500MHZ	The HP 54616B OSCILLOSCOPE is a device that monitors voltage changes over time.	Denis Donlagić
224.	OTDR GN NETTEST TD3486	It is an electronic optical instrument that is used to characterize optical fibres. It locates defects and faults and determines the amount of signal loss at any point in an optical fibre.	Denis Donlagić
225.	SUMITOMO TYPE 35-RC-SPH	It is a portable, self-contained instrument for creating low-loss optical fibre splices. The splicer automatically aligns a pair of fibres and then fuses them with heat from an electric arc.	Denis Donlagić
226.	DIGITAL MEASUREMENT SYSTEM FLICK	Flicker meter. The device measures the flicker in the mains voltage.	Jože Pihler
227.	LASER DRIVER ILX LIGHTWAVE LDC37412	With ILX LDC37412 we drive the current through a laser diode with the possibility of regulating the stable temperature of the laser diode.	Denis Donlagić
228.	DIG. OSCILLOSCOPE LECROY 9361	Two-channel measurements and analysis of signals in electronics with a bandwidth of up to 300 MHz and sampling up to 2.5 GHz.	Iztok Kramberger
229.	OTDR SYSTEM MF20 OPTO-ELECTRONICS	OTDR MF20 is an OTDR system with millimetre resolution from 820 to 1550 nm.	Denis Donlagić
230.	MODEL M-HL-1, M-HL-1A KIT	Optical component kit.	Denis Donlagić
231.	CASE-1 M-FKP-STD KIT	A set of optical components for performing experiments.	Denis Donlagić
232.	CASA-2 M-FKP-STD KIT	A set of optical components for performing experiments.	Denis Donlagić
233.	OPTISET-1 -OPTICAL ACCESSORIES	Optical accessories are designed for work with optical fibres and components. It consists of optical dividers, optical connectors and cables, optical couplers and cleaning tools.	Denis Donlagić

234.	OPTICAL POWER METER HP8153A	The lightwave multimeter HP8153A is used for measuring absolute power of the optical signal, insertion loss and return loss.	Denis Donlagić
235.	OPTICAL POWER METER HP8153A	The lightwave multimeter HP8153A is used for measuring absolute power of the optical signal, insertion loss and return loss.	Denis Donlagić
236.	MEASURING TABLE - GRANITE	A massive anti-vibration table for mounting optical components.	Denis Donlagić
237.	STEREOMICROSCOPE NIKON SMZ-2T	It is a device for observing objects that are too small to be seen with the naked eye. It is a light microscope. It consists of mechanical in optical parts.	Denis Donlagić
238.	WOODEN LENS BOX	Lenses for laser beam control and focusing.	Denis Donlagić
239.	INDUSTRIAL COMPUTER	Industrial computer.	Jože Pihler
240.	VIDEO CAMERA COLOR 3-CCD	Analog RGB camera is used for traffic monitoring.	Dušan Gleich
241.	OPTICAL EQUIPMENT WITH RBM ACCESSORIES	Photo-electronic components for detecting and measuring optical and electrical signals.	Denis Donlagić
242.	CLIMATE CHAMBER WEISS-SB1-300	The climate chamber ensures a stable temperature and humidity inside the chamber.	Denis Donlagić
243.	LAB.OPTOEL.EQUIPMENT WITH ACCESSORIES	Photo-electronic components for detecting and measuring optical and electrical signals.	Denis Donlagić
244.	CONTROLLER A 120 AEG	Industrial PLC AIG and didactic development environment MODICON ET 711. Learning PLC programming and developing simple applications.	Marjan Golob
245.	VXI SYSTEM HP E1401B + 3 MODULES	Modular wxl measuring system with modular cards is used as a multimeter for measuring current, voltage, resistance, etc.	Denis Donlagić
246.	COORDINATE MILLING MACHINE LPKF 91	Production of printed circuit boards with mechanical removal of copper in the millimetre range.	Iztok Kramberger
247.	DEVELOPMENT CONTROLLER A 120	Industrial controller A 120.	Marjan Golob
248.	HEAT EXCHANGER	A laboratory model of a heat exchanger and an industrial control system. Measuring of process variables and advanced process control.	Marjan Golob
249.	ELECTRODYNAMIC BRAKES	Testing of electrical machines.	Drago Dolinar

250.	MEASURING AMPLIFIER DMD 20A HBM	Measurements of physical quantities and process variables.	Marjan Golob
251.	HARDWARE EQUIPMENT - OMRON	OMRON PLCs and modules for fuzzy control systems.	Marjan Golob
252.	SOFTWARE - OMRON	OMRON software for fuzzy control systems.	Marjan Golob
253.	CABINET FOR BLOCK GENERAT.	Generator and transformer protection	Drago Dolinar
254.	LOGIC ANALYZ. OSCILLOSCOPE HP 1652B	Portable logic analyzer with a digital oscilloscope.	Iztok Kramberger
255.	SIGNAL ANALYZER HP 35660	The signal analyzer is used for measurements of S parameters of electronic circuits and frequency characteristics.	Dušan Gleich
256.	GRAPHIC STATION	Graphics workstation.	Matjaž Colnarič
257.	POWER MEASURING DEVICE	SCADA for operating a small power plant with associated interfaces and actuators.	Drago Dolinar
Faculty of Energy Technology (FE)			
258.	DC SUPPLY SYSTEM	DC supply system consists of bidirectional (regenerative) water cooled 240 kW programmable DC power supply with internal arbitrary waveform generator and water cooled 200 kW DC/AC converter. DC supply system is appropriate for simulation of distributed sources, simulation of battery systems and e-mobility applications.	Bojan Štumberger
259.	FREQUENCY CONVERTER 160 kW	Frequency converter (160 kW) appropriate for variable AC supply of induction, permanent magnet synchronous motors, permanent magnet assisted synchronous reluctance motors and synchronous reluctance motors with appropriate close and open loop control algorithms.	Bojan Štumberger
260.	ADVANCED MEASURING SYSTEM FOR MEASURING ELECTRICITY PRODUCTION OF DISPERSED SOURCES	Measuring system for measuring AC and DC electrical quantities on dual-axis photovoltaic tracking systems. The measuring system also includes an existing measuring system for measuring meteorological parameters, which is connected to the SCADA system and allows easy monitoring and data collection for further analysis.	Sebastijan Seme
261.	TERMoeLECTRIC SOLAR SYSTEM	The thermoelectric solar system ensures the production of electrical and thermal energy. Thermal energy is stored in the thermal storage tank for additional heating needs. A cooling unit is also included in the system, which provides additional safety in the event of high temperatures in the thermal	Sebastijan Seme

		storage tank. The system is connected to the SCADA control system, which enables easy monitoring and data collection for further analyzes.	
262.	ENERGY STORAGE SYSTEM	The energy storage system with a battery module is connected to the thermoelectric solar systems and covers the electricity consumption of the self-sufficient energy facility. The system is connected to the SCADA control system, which enables easy monitoring and data collection for further analyzes.	Sebastijan Seme
263.	WELDING ROBOT 6 AXIS ARM WITH MOBILE CHAMBER	Welding robot 6 axis arm with mobile chamber enable high precision sensing for workpiece position detecting and high weld quality and reliability.	Zdravko Praunseis
264.	TEMPERATURE TESTING CHAMBER	Temperature testing chamber is a specialized equipment used for material testing of all kind of materials from -180 to 1250 degrees celsius.	Zdravko Praunseis
265.	ELECTRICAL MACHINE AND DRIVE (CONTROL UNITS, POWER UNIT, POWER PLANT, 3D ADJUSTABLE WORKBENCHES, MEASURING STATIONS): 670 kVA SYNCHRONOUS GENERATOR; TORQUE SENSORS (8 PCS), MEASURING BEAMS, CABLES, CLUTCHES; MEASURING PLACE 1 (up to 192 kW at 1500 rpm, maksimal speed 2200 rpm), MEASURING PLACE 2 (up to 70 kW at maksimal speed 15000 rpm), MEASURING PLACE 3 (up to 5 kW at maksimal speed 30000 rpm).	Measuring stations for development and research in the field of high-performance electrical machines and drives (160 kW at a rotational speed of 1500 rpm, 70 kW at a rotational speed of 15000 rpm, 5 kW at a rotational speed of 30000 rpm).	Miralem Hadžiselimović
266.	ENVISIONTEC PERFACTORY XEDE 3SP 3D PRINTER	High-quality 3D print; larger peaces up to 450x450x450.	Gorazd Hren
267.	SYSTEM FOR QUANTITATIVE DETERMINATION OF MATERIAL, DETERMINATION OF CALORIMETRIC VALUES	Experimental research work in thermodynamics.	Jurij Avsec
268.	SOLAR POWER PLANTS (TRACKING SOLAR POWER PLANTS) WITH SENSOR SYSTEM	Solar power plants of total installed power 55 kW. Various types of solar modules (polycrystalline, monocrystalline) and various types of inverters are used.	Sebastijan Seme
269.	TWO-SCREEN SYSTEM FOR INTERACTIVE 3D VISUALIZATION	High-quality system for virtual reality.	Gorazd Hren
270.	HIGH PERFORMANCE COMPUTER SYSTEM	12 computing servers with the following features: - 2 x Intel E5-2650v3 processor, each with 10 cores and a speed of at least 2.3 GHz; - 10 x memory module 8GB and DDR4-17000 speed; - 1x hard drive 1TB; - 2 pending management server with features; 1x processor E5-2640v3;	Sebastijan Seme

		<ul style="list-style-type: none"> - 4x memory module, each of 16 GB and DDR4-17000 speed; - 6x Hard Drive 600 GB SAS 10k RPM in RAID-5; - redundant power supply; - redundant connection to the external disk system (8Gb FC); - 1 disk system with features; - 90 TB raw capacity, 4TB drive modules; - redundant power supply; - 8 pieces of research workstation with features; - 2 CPU E5-2640L v3 - 2.6GHz; - 32GB DDR4 memory; - 1TB hard drive; - Graphics card NVIDIA Quadro K2200 4GB. 	
271.	ZWICK Z100THW FRACTURE-MECHANICAL MACHINE WITH EQUIPMENT	Fracture mechanics testing of materials.	Zdravko Praunseis
272.	VACUUM NANO EXHAUST SYSTEM 36	Vacuum deposition of semiconductor thin films for neutron sensors.	Bruno Cvikl
273.	CORRELATION, CYCLIC PHENOMENA, SCRIPTING AND MATLAB LINK	The LDA system for non-intrusive measurements of 2 components of velocity at a point in space as a function of time.	Matej Fike
274.	SCANNER WITH 3D CAMERA FOR PERMANENT MAGNETS ANALYSIS	3D recording of magnetic fields of permanent magnets.	Peter Vrtič
275.	WATER MEASURING LINE	Water measuring test ring.	Andrej Predin
276.	MEASURING SYSTEM FOR MEASURING MAGNETIC PROPERTIES OF SOFT MAGNETIC MATERIALS	BH characteristics measurements of soft magnetic materials.	Peter Vrtič
277.	EXPERIMENTAL SYSTEM FOR MEASURING ELECTRICAL MACHINES FOR ELECTRIC FOUR AND TWO-WHEEL DRIVERS	Simultaneous measurement of quantities in electrical machines.	Peter Vrtič
278.	AIR MEASURING RING (WIND TUNNEL)	Air measuring test ring.	Andrej Predin
279.	SLIM LAYER METER - PROFILMETER ALPHASTEP D-500 STYLUS PROFILER	Stylus type equipment for thickness measurements of deposited thin semiconductor films.	Bruno Cvikl
280.	SEMICONDUCTOR PARAMETERIZATION SYSTEM	Characterisation of solid-state nuclear sensors.	Bruno Cvikl
281.	KEYSIGHT CONNECTOR ANALYSIS 2 INPUT 9KHZ TO 9 GHZ WITH POWER SUPPLY	Circuit analyzer, 2 inputs, 9kHz - 9 GHz with power supply circuit.	Miralem Hadžiselimović
282.	ANSYS MULTIPHYSICS CAMPUS SOLUTION PROGRAM 10/100	Software package for numerical simulations.	Gorazd Hren
283.	WT1806 POWER ANALYZER	Simultaneous measurement of electrical quantities.	Peter Vrtič

284.	WT1806 POWER ANALYZER	The WT1800 offers innovative measurement functions for testing product efficiency and the design of inverters, motor drives, lighting systems, uninterpretable power supplies, aircraft power systems, transformer testing, and other power conversion devices. Although the WT1800 is still available, the newer WT1800E offers higher accuracy power measurement.	Miralem Hadžiselimović
285.	PORTABLE XRF SPECTRAL MATERIAL ANALYZER NITON XL3T 980 GOLDD +	Chemical analysis of materials.	Zdravko Praunseis
286.	OPTICAL MICROSCOPE FOR INSPECTION OF MATERIALS ZEISS AXIO IMAGER A2M & AXIO VISION SE64, 6-POSITION OBJ	Optical microscopy.	Zdravko Praunseis
287.	3D TRAVERSING SYSTEM: MECHANISM RANGE, CONTROLLER, LINE VOLTAGE 100-250V	Measuring system drive.	Andrej Predin
288.	STATIONARY TRICKER VICKERS VH1150	Microhardness measurement.	Zdravko Praunseis
289.	4-CYLINDER DIESEL ENGINE	Research and pedagogical work on internal combustion engines.	Jurij Avsec
290.	ULTRASONIC METER FOR LEAK DETECTION IN PRESSURE OR VACUUM SYSTEMS ULTRAPROBE 15000	The Ultraprobe® 15,000 has a durable, tough and easy to clean touch screen operating system. The digital technology offers us the possibility to always be 1 to 3 clicks away from the point where you need to be, making this the most efficient ultrasound inspection tool in the world!	Miralem Hadžiselimović
291.	GABI LIFE CYCLE ASSESSMENT PACKAGE WITH ECOINVENT DATABASE	Software for life cycle assessment LCA.	Peter Vrtič
292.	THERMAL TESTO CAMERA 890-2	Inspection of Buildings.	Zdravko Praunseis
293.	SKYHERO QUADROCOPTER SYSTEM FOR THERMO-VISION INSPECTIONS	Unmanned multi-core system (drone) with an optical and thermal camera and base station.	Miralem Hadžiselimović
294.	KEYSIGHT OSCILLOSCOPE, 1GHZ, DSOX3APPBNDL, N2779 POWER SUPPLY WITH ACCESSORIES	The DSOX3APPBNDL is an Application Bundle for InfiniiVision 3000 X-Series Oscilloscopes. It provides superior visualization of your signal with the fastest waveform update rate and the largest display in this class. Ultimate instrument integration with the power of up to 5 integrated instruments: oscilloscope, digital channels (MSO), integrated WaveGen function / arbitrary waveform generator, integrated digital voltmeter and a serial protocol analyzer.	Miralem Hadžiselimović
295.	ALFA SPEKTROMETER SINGLE INPUT NIM SPECTROMETER, 450 MM2 LOW-BACKGROUND ULTRA-AS DETECTOR, PORTABLE P	Nuclear alpha-ray spectroscopy of environmental samples.	Bruno Cvikl
296.	SPEED ELECTROMAGNETIC ANALYSIS SOFTWARE	Software for electromagnetic analysis of electrical machines.	Peter Vrtič

297.	ECOMET 250 PRO GRINDING AND POLISHING AUTOMATIC APPLIANCE + AUTOMET 250 PRO, ALUMINUM PANEL, FER	Polishing of specimens.	Zdravko Praunseis
298.	ENGINE MODULE 160KW	Motor drive.	Andrej Predin
299.	LABR3 SCINTILATION DETECTOR (CE)	Nuclear gamma-ray spectroscopy of environmental samples.	Bruno Cvikl
300.	ELECTRIC CHARGING STATION	The equipment is intended for charging of electric vehicles. At the charging station, measurements of the impact of charging on the electricity grid can be performed.	Sebastijan Seme
301.	1KNM TORQUE SENSOR	Measurement of torque.	Peter Vrtič
302.	MECHANICAL CLUTCHES - 19 PCS	Mechanical coupling.	Miralem Hadžiselimović
303.	AVTOTRANFORMER	Auto-transformer 180 kVA, 400 V, 50 Hz, 60 A.	Miralem Hadžiselimović
304.	SMOKE GAS ANALYZER TESTO 350 + SOFTWARE + KIT	Analysis of smoke gases.	Zdravko Praunseis
305.	WIRELESS TORQUE SENSOR FOR INSTALLATION	Measuring torque on the wheel.	Peter Vrtič
306.	DIGITAL ULTRASONIC APPARATUS USM 36 S Z UM31, MB 4 S, MSEB 4, MWB45-4, MWB 60-4, MWB 70-4, PKLL2, MP	NDT inspection.	Zdravko Praunseis
307.	ABRASIMET 250 METAL TABLE CUTTER, 60L CUTTING PLATE COOLING SYSTEM, LEFT SLIDING VISE	Cutting of specimens.	Zdravko Praunseis
308.	CENTRING DEVICE-4PCS	Centring.	Peter Vrtič
309.	AMBE NEUTRON SOURCE CF-252, INITIAL ACTIVITY 185KBQ	Neutron source for the characterisation of nuclear radiation sensors.	Bruno Cvikl
310.	NIGHTHAWK THERMAL P2 AERIAL KIT QUADROCOPTER SYSTEM	Thermal inspection of energy facilities at higher altitudes.	Jurij Avsec
311.	FLUKE 810 VIBRATION ANALYZER	Measuring vibrations of rotating systems.	Jurij Avsec
312.	MOBILE MULTIPLE FUNCTION UNIT (MEASURING INSTRUMENT) WITH RELATED INSTRUMENTS: FLOW METER, MEASUREMENT	Measurement of consumption and energy analysis of leakage calculations in compressed air systems (flowmeter, measuring probe, humidity meter (including measuring chamber), pressure sensor (0-16bar), measurement clamp).	Miralem Hadžiselimović
313.	BOSCH KTS 990 MOBILE DIAGNOSTIC SYSTEM	Diagnostics of engines.	Zdravko Praunseis
314.	KATFLOW230 PORTABLE ULTRASONIC FLOW MEASURER WITH SENSORS	The KATflow 230 is easily portable but incorporates an advanced specification for situations which require comprehensive measurement features coupled with easy operation. The flowmeter has two measurement channels, which allow it to monitor two pipes simultaneously or to improve accuracy in non-ideal conditions. The KATflow 230 can also be supplied with a variety of options to meet the most diverse application requirements.	Miralem Hadžiselimović

315.	ALPHAVISION SOFTWARE FOR THE ANALYSIS OF ALPHA SPECTRUMS	Nuclear Spectroscopy of environmental samples.	Bruno Cvikl
316.	ZHENXUN ZX-X5V SOLDERING STATION	Soldering station with optical positioning and two-zone heating for soldering of demanding components of type BGA etc. ZX-X5V.	Miralem Hadžiselimović
317.	WELDING DEVICE WB-P500L (W) WELDING SOURCE (EU) INVERTER VERSION	Steel and Alloys Welding.	Zdravko Praunseis
318.	JMAG SOFTWARE	The program package for design, simulation and analysis of electrical and electromagnetic devices.	Bojan Štumberger
319.	GENERATOR – PMGI 6kW 240 - INV	Motor drive.	Andrej Predin
320.	GENERATOR – PMGI 3kW 120 - INV	Motor drive.	Andrej Predin
321.	GENERATOR – PMGI 5kW 180 - INV	Motor drive.	Andrej Predin
322.	HBM DATA RECORDING SYSTEM: 1-MX840 PAKAP (AMPLIFIER, POWER SUPPLY, 6X CONNECTOR, ETHERNET CABLE)	Measuring system.	Andrej Predin
323.	LCR GW INSTEK 8110G METER	RLC measurements with high accuracy.	Peter Vrtič
324.	WEISHAUPT OIL BURNER WITH 15 KW BOILER	Measurement of efficiency, exhaust gas temperature and exhaust gas emissions	Jurij Avsec
325.	ENERGY STORAGE	Energy storage system	Sebastijan Seme
326.	SOFTWARE FOR THERMAL PLANNING OF ELECTRICAL MACHINERY - MOTOR-CAD	Motor-CAD enables design engineers to evaluate motor topologies and concepts across the full operating range, to produce designs that are optimised for performance, efficiency and size.	Miralem Hadžiselimović
327.	FLIR E60 THERMOGRAPHIC CAMERA + LENS IF = 10MM, 45 °	Thermal Imaging Camera for electrical and mechanical applications. Features a 320 x 240 60Hz infrared detector with a 0.05°C thermal sensitivity and a -20 to 650°C (-4 to 1202°F) temperature range.	Ivan Žagar
328.	FLIR E60 THERMOGRAPHIC CAMERA + LENS IF = 10MM, 45 °	Thermal Imaging Camera for electrical and mechanical applications. Features a 320 x 240 60Hz infrared detector with a 0.05°C thermal sensitivity and a -20 to 650°C (-4 to 1202°F) temperature range.	Miralem Hadžiselimović
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330.	MULTIFUNCTION PROCESS CALIBRATOR FOR COMPLETE CONTROL OF FLUKE 754 EU INDUSTRIAL CONVERTERS	Multifunctional calibration.	Peter Vrtič
331.	3D PRINTER WITH ADD-ONS (3 COLORS + SCANNER + CUBEPRO SOFTWARE)	Small 3D printer.	Gorazd Hren
332.	MOTOR MODULE 45KW	Motor drive.	Andrej Predin

333.	MOTOR MODULE 45KW	Motor drive.	Andrej Predin
334.	UNIVERSAL INTERNAL MICROCLIMATE TESTER TESTO 435-4	The testo 435-4 multifunction meter is perfect for monitoring, analyzing, and diagnosing indoor air quality, wherever you need to take important IAQ measurements. In addition, you can easily pinpoint and troubleshoot problems with HVAC systems, and immediately see the results of corrections. Commissioning, validating, benchmarking, or simply adjusting HVAC systems are all easy with the testo 435-4.	Miralem Hadžiselimović
335.	DESIGNER 15 SOFTWARE PACKAGE ALTIUM FOR DESIGNING AND MODELING ELECTRONIC CIRCUITS	The best PCB design software and high-powered tools for PCB designers. Industry-leading schematic capture, layout and prototyping tools. EDA/CAD.	Miralem Hadžiselimović
336.	R&S RTE 1034 DIGITAL OSCILLOSCOPE, 4X350MHZ, 10MS PER CHANNEL, 5GS/S PER CHANNEL, 4X350MHZ PROBES	Simultaneous measurement of time-dependent electrical quantities.	Peter Vrtič
337.	PROGRAMMABLE MULTIFUNCTION DEVICE NI USB-7856R	The NI USB-7856 features a user-programmable FPGA for high-performance onboard processing and direct control over I/O signals for complete flexibility of system timing and synchronization. You can customize these devices with the LabVIEW FPGA Module to develop applications requiring precise timing and control, such as hardware-in-the-loop testing, custom protocol communication, sensor simulation, and high-speed control.	Miralem Hadžiselimović
338.	DH CROSS BI-MOTO 1600 E-BIKE	Electrical bike.	Miralem Hadžiselimović
339.	THREE-PHASE POWER QUALITY LOGGER FLUKE 1744	The Fluke 1740 Series of three-phase power quality loggers is an everyday power meter for technicians who troubleshoot and analyze power quality issues. Capable of simultaneously logging up to 500 power parameters for up to 85 days and monitoring events, these power loggers help uncover intermittent and hard-to-find power quality issues. The included PQ Log software quickly evaluates the power quality at the service entrance, substation, or the load, according to the latest EN50160 standard.	Miralem Hadžiselimović
340.	FREQUENCY CONVERTERS (3 PCS) 400V, 4A, 1.5 KW; 400V, 25A, 11 KW; 400V, 87A, 45KW	The industrial frequency converters appropriate for permanent magnet motors and synchronous reluctance motors drives.	Bojan Štumberger
341.	DIGITAL METER FERITA FMP-30	Delta ferrite measurement.	Zdravko Praunseis
342.	3D FFF PRINTER	Small 3D printer.	Gorazd Hren
343.	TESTO 380 FINE PARTICLE ANALYZER	Analysis of fine dust particles.	Zdravko Praunseis
344.	ELECTRIC DRIVE ENGINES (7 PCS) 1.5 KW, 2.2 KW, 3.0 KW, 4.0 KW, 7.5 KW, 37 KW, 11 KW	Electric synchronous reluctance motors for fan and pump drives.	Bojan Štumberger
345.	SOFTWARE FOR THE ADJUSTMENT OF SCINTILLATION GAMMA RAY SPECTRUM PARAMETERS SCINTIVISION-32	Software for gamma-ray spectroscopy of environmental samples.	Bruno Cvikl
346.	DRINKING WATER TEST SYSTEM	Drinking water test system.	Ivan Žagar

347.	HV005036 MULTIFUNCTION SAFETY TESTER WITH ACCESSORIES HT960U, IMP57, T2100, HT52/05	Advanced multifunction installation tester for verification of electric safety of private and industrial electric systems.	Miralem Hadžiselimović
348.	20 PCS SEE ELECTRICAL CADY++ SOFTWARE	Software for drawing up electrical engineering documents.	Miralem Hadžiselimović
349.	ANSYS ACADEMIC RESEARCH	Software package for numerical simulations.	Gorazd Hren
350.	MATLAB SUITE SOFTWARE	MATLAB is a software package for numerical analysis and programming language of the fourth generation.	Miralem Hadžiselimović
Faculty of Civil Engineering, Transportation Engineering and Architecture (FGPA)			
351.	PRECISION SOUND ANALYSER	Measurement and analysis of sound and vibration	Pinterič Marko
352.	3D SCANNER, LEICA RTC 360 LT, laser	The Leica RTC360 LT laser scanner captures spatial data with laser scanning technology at 106 points/s. It digitizes the surrounding area into a photorealistic point cloud in the 360° (horizontal) × 300° (vertical) range and also combines scans from different scanning positions. Measuring range: 0.5 m – 130 m; Length measurement accuracy: 1 mm + 10 ppm.	Štrukelj Andrej / Pučko Zoran
353.	HELMET WITH HOLOLENS 2 (TRIMBLE XR10)	Implementation of mixed reality in constructio	Pučko Zoran
354.	ARBORSONIC3D TOMOGRAPH (WITH ACOUSTIC ROOT DETECTOR EXTENSION)	Arborsonic3D tomography is a device for acoustic tomography of trees and timber elements. With the help of 20 SD02 Piezo transducers, the velocity of sound through different parts of the wooden cross section is measured. Possible wood decay can be detected on the basis of the measured velocity. The device offers the possibility to display a 3D map of the sound velocity in the studied tree/timber element.	Premrov Miroslav
355.	KIO RTLS STARTER WITH EQUIPMENT	The equipment is intended for positioning (recording the traveled path of the observed object) within a range of 50m x 50m without GPS signal with an accuracy of 1cm to 3cm.	Štrukelj Andrej
356.	HBM-MX840B AMPLIFIER	The equipment is a universal measuring amplifier that allows measurements using all types of standard sensors. It has 8 independent analogue input channels, the first of which can also be configured as a digital one, and in this form allows the connection of a CAN-BUS line with a maximum of 128 sensors. In analogue mode, each independent channel can measure with a sampling	Štrukelj Andrej
357.	HBM-CX22B-W QUANTUMX DATA RECORDER	The equipment is intended for the control of HBM manufacturer's measuring amplifiers and for automatic recording of measurement results, as well as for	Štrukelj Andrej

		performing mathematical operations from measured data on an ongoing basis.	
358.	TOBII PRO GLASSES 2 -TOBII PRO EYE TRACKER - EYE VIEW TRACKER	Tobii Pro Glasses 2 is a lightweight mobile eye tracking system with four eye tracking cameras, for human behavior studies in real-world environments. Special software processes the views, the results of which are the fixation points and the duration of the fixation.	Tollazzi Tomaž
359.	MEASURING SYSTEM, 16-CHANNEL, WITH CLOCKS FOR MEASURING SLIDE MOVEMENT (14 CLOCKS)	The measuring system serves as a support for carrying out an investigation, for recording measurement data.	Žlender Bojan
360.	CONCRETE STRENGTH MEASURING SYSTEM (RENEWAL, UPGRADE)	Equipment for concrete strength measurement.	Lubej Samo
361.	DIRECT SHEAR APPARATUS - ELE	A "Direct shear test" of the soil sample is carried out with the apparatus. The test serves to determine the shear strength of the soil sample.	Žlender Bojan
362.	MEASUREMENT AMPLIFIER QUANTUMX, MX1615 16-CHANNEL	Measurement amplifier for strain measurements using strain gages (1/4, 1/2 or full Wheatstone bridge) and for measurements with strain gage based sensors. It has 16 independent channels with a sampling frequency of 0 to 19.2kHz each.	Štrukelj Andrej
363.	MEASUREMENT AMPLIFIER HBM: QUANTUMX, MX840A 8-CHANNEL	Universal measurement amplifier with 8 independent channels, each with 0 to 19.2kHz sampling frequency. Each channel allows a connection of all types of sensors with analog output. One channel is able to use CAN2.0 communication protocol.	Štrukelj Andrej
364.	DIGITAL VISCOMETER BROOKFIELD TYPE RVDV2T WITH THERMOSEL CHAMBER	Viscosity measurements.	Ivanič Andrej
365.	DUCTILOMETER 1500 MM WITH INTEGRATED COOLING SYSTEM AND ACCESSORIES	Determining the ductility of bitumen.	Ivanič Andrej
366.	DEVICE: P-72 SEDIMENT SAMPLER WITH EQUIPMENT	Point-integrating suspended-sediment sampler(USGS - US P-72). This is a 19 kg electrically operated sampler for collection of suspended sediment samples at any point beneath the surface of a stream, or for taking a sample continuously over a range of depth. The sampler is made of cast aluminum and is 71 cm long. The sampler head is hinged to provide access for a 0.95-liter sample container.	Nekrep Perc Matjaž
367.	LAB. EQUIPMENT: PNEUMATIC CONSOLIDATION APPARATUS WITH ACCESSORIES	A "consolidation test" of the soil sample is carried out with the apparatus. The test serves to determine the soil consolidation parameters.	Žlender Bojan
368.	MICROGRIP TESTER WITH RELATED EQUIPMENT - FRICTION MEASURING EQUIPMENT	The Micro GripTester is a three-wheel manually pushed device that measures friction by the braked wheel, fixed slip principle. The device is known as a "Continuous" friction measuring equipment (CFME) as it measures continuously along the test path, rather than just taking a single spot reading.	Tollazzi Tomaž

369.	DELTA RETROREFLECTOMETER LTLXL (LAB. EQUIPMENT) - DEVICE FOR MEASURING THE REFLECTION OF HORIZONTAL MARKINGS	Delta LTL-XL handheld retroreflectometer for road markings. No adjustments are called upon when measuring white and yellow markings. In addition, the retroreflectometer shows and stores day, time, humidity and temperature, as well as road ID, marking type and user ID.	Tollazzi Tomaž
370.	DIGITAL VIBROMETER, PDV-100 (LAB. EQUIPMENT)	The PDV-100 contactlessly measures vibrational velocities and provides digital signal processing with both analog and digital signal outputs. When combined with the high vibrational velocity resolution, the high level of linearity across the entire frequency range provides you with a sturdy and reliable mobile vibration analysis tool.	Toplak Sebastian
371.	ALMEMO MEASURING EQUIPMENT FOR MEASURING HEAT FLUX WITH RELATED EQUIPMENT (ALMEMO 5690-2M + CARD WITH 10 PORTS ES5690UA10, SERIAL INTERFACE ZA1919DKU-05, HEAT FLUX SENSOR FQA018C/FQA017C, THERMAL WIRE LT01900, HYGROMETER FLIR MR77, THERMALLY CONDUCTIVE PASTE ZB9000WP, TEMPERATURE AND HUMIDITY DATALOGGER VELLEMAN DEM105, SOFTWARE WIN-CONTROL AND FLIR TOOLS+, CASE)	The device and added sensors are used for heat flux measurements in building elements. The set is composed of a multifunctional device (data logger), several sensors (thermo-wires for temperature measurements and heat flux plates) and supporting equipment (thermal conductive paste, software, etc.).	Žegarac Leskovar Vesna
372.	DELTA RETROSIGN GR1 (SN:1-236), DEVICE FOR MEASURING THE REFLECTIVITY OF VERTICAL TRAFFIC SIGNS	Retroreflectometer Delta RetroSign GR1 is a portable instrument for measuring the retro-reflectivity of traffic signs. It measures the main observation angle stated in the ASTM or CEN standards. GR1 is based upon an accurate point measurement geometry offering superior performance in measuring retroreflective sheeting material. In measuring microprismatic sheeting materials, its point geometry replicates real-world driving conditions and outperforms.	Tollazzi Tomaž
373.	TOPCON GNSS HIPER V-EPP-SET (DEVICE) FOR EDUCATION, WITH ACCESSORIES	Equipment for GNSS measurements with high accuracy as an upgrade of the Hiper PRO set. With this set, a base-rover method can be used.	Kovačič Boštjan
374.	TOTAL STATION TS50, 05" R1000, EDU SET_ACCESSORIES AND SOFTWARE	Prism, tripod and prism pole are used in classic geodetic works in angle and distance measurements. The GeoOffice software is intended for post-processing of data.	Kovačič Boštjan
375.	TOTAL STATION TS50, 05" R1000, EDU SET_INSTRUMENT IN A CASE	Total station for angle and distance measurements used in surveying measurements.	Kovačič Boštjan
376.	TRAFFIC ANALYZER QTT NC 200TM, WITH INTERFACE, HDM PROGRAMME, ASPHALT PACKAGE	Traffic analyzer QTT NC.	Tollazzi Tomaž
377.	COUNTER QTT NC 200TM - TRAFFIC ANALYZER (MAGNETIC) - 2PCS.	Traffic analyzer QTT NC.	Tollazzi Tomaž
378.	DIRECT SHEAR APPARATUS, BS 1377	A "Direct shear test" of the soil sample is carried out with the apparatus. The test serves to determine the shear strength of the soil sample.	Žlender Bojan
379.	CAMERA FLIR SYSTEM AB T335	Thermography.	Lubej Samo

380.	MOTORIZED FOCUS UNIT SZX-FOA 2 FOR OLYMPUS SZX 16 MICROSCOPE	Structure control of materials.	Ivanič Andrej
381.	WATER SORPTION METER WP4-T	Determination of water sorption in soil samples.	Dolinar Bojana
382.	OLYMPUS SZX 16 MICROSCOPE	Structure control of materials.	Ivanič Andrej
383.	CAMERA FOR OLYMPUS MICROSCOPE	Structure control of materials	Ivanič Andrej
384.	MEASURING DEVICE KEI 2611	The equipment is used to measure dielectric spectra of materials.	Korošak Dean
385.	SEISMOGRAPH MINIMAT PLUS - 4 CHANNEL	Vibration measurements.	Lubej Samo
386.	SEISMOGRAPH MINIMAT PLUS	Vibration measurements.	Lubej Samo
387.	APPARATUS FOR MEASUREMENTS ACCORDING TO EN 12617/4 WITH DIGITAL READOUT	Measuring the shrinkage and swelling of concrete.	Lubej Samo
388.	UNIVERSAL PROCTOR 10,15,25	The "Proctor test" of the soil sample is carried out with the apparatus. The test serves to determine the optimum moisture content of the soil sample.	Žlender Bojan
389.	GPS GLONASS L1+L2 LEGASCY-E PLUS	Receiver for GNSS measurements with high accuracy with the use of CR-3 choke ring antenna. Used for 3D measurements of the point position.	Kovačič Boštjan
390.	ULTRASONIC FLOW METER ADCP WH RIO GRANDE 1200KHZ	Device for measuring the river flows and suspended sediments concentrations in the river stream. Workhorse Rio Grande is an accurate, rapid discharge measurement system designed to operate from a moving boat. The Rio Grande can be used for a wide range of river conditions, from as shallow as 30 cm streams to large rivers and tidal estuaries. Frequency: 1200kHz Profiling Range: 0.3m - 21m	Nekrep Perc Matjaž
391.	HYDRAULIC POWER PACK "TELEM"	Mechanical testing of structures	Lubej Samo
392.	HYPER PRO-GEODETIC EQUIPMENT	Equipment for GNSS measurements with high accuracy. With this set a base-rover method can be used.	Kovačič Boštjan
393.	PNEUMATIC SPEED AND TRAFFIC METER METROCOUNT 5600 PLUS, WITH CASE - 6 PCS.	The MetroCount Vehicle Classifier System combines state-of-the-art traffic logging hardware with powerful, yet easy-to-use software. MetroCount offers a comprehensive solution to all traffic monitoring issues, from routine statistics to the most complex traffic management problems. We have 4 sets of equipment.	Tollazzi Tomaž
394.	LCR HITESTER UEI	The equipment is used to measure dielectric spectra of materials.	Korošak Dean
395.	UNIAXIAL DEVICE WITH ACCESSORIES 7KN	A "Uniaxial test" of the soil sample is carried out with the apparatus. The test serves to determine the compressive strength of the soil sample.	Žlender Bojan

396.	CONTROL SYSTEM FOR HYDRAULIC CYLINDER 100 KN	Mechanical testing of structures.	Lubej Samo
397.	CHAMBER FOR TESTING CONSTRUCTION SAMPLES WITH AIR CONDITIONING	Testing concrete samples on frostiness.	Lubej Samo
398.	HBM MGCPLUS MEASURING SYSTEM	Measurements of displacements using inductive displacement transducers (4 channels), measurements with voltage sensors (8 channels), strain measurements -1/4, 1/2 and full Wheatston Bridge (32 channels), maximum sampling frequency 2400Hz.	Štrukelj Andrej
399.	ZWICK ELECTRONIC APPARATUS FOR DETERMINING MECHANICAL PROPERTIES OF MATERIALS	Measurements of mechanical properties of materials.	Lubej Samo
Faculty of Chemistry and Chemical Engineering (FKKT)			
400.	HPLC Vanquish Core	Qualitative and quantitative analysis of samples. Determination of concentration of compounds that absorbs UV or visible light.	Sara Štumpf
401.	CELL MAPPING SYSTEM AND AUTOMATED MICROSCOPY - Cytation 5	It enables plates, microscope slides, petri dishes, bottles for culturing cell culture hemocytometers, allows work with living cells	Zala Kolenc
402.	ReactIR 702L, INSTRUMENT FOR In-Situ ANALYSIS OF CHEMICAL REACTIONS IN MID-IR AREA	The set of sensors is designed to monitor the chemical and biochemical reactions. Immediate information on the progress of reactions enables better knowledge, efficiency of quantifications, optimization and the scale-up of the process	Darja Pečar
403.	X-RAY PHOTOELECTRON SPECTROMETER	The X-ray photoelectron spectrometer (XPS) is an instrument for surface analysis that is used for the determination of the elemental composition and element environment – the oxidation state and chemical bond of the elements	Matjaž Finšgar
404.	MULTI-CHANNEL POTENTIOSTAT/GALVANOSTAT/IMPEDANCE ANALYZER MultiPalmSens4	MultiPalmSens 4 can perform corrosion studies, a study of reaction mechanisms, analysis of organic compounds, and trace analysis of heavy metals.	Matjaž Finšgar

405.	GAS CHROMATOGRAPH WITH A MASS-SELECTIVE DETECTOR	It is widely used in environmental monitoring for the detection of many organic pollutants. For drug development and quality control, GCMS is used in the pharmaceutical industry.	David Majer
406.	ELECTROKINETIC ANALYZER, SurPASS 3	Zeta potential is used in various fields of basic research in physics, chemistry, and biology, as well as for scientific research of technological processes in various industries, such as chemical, pharmaceutical, paper, textile, and food industries. During these processes, the determination of zeta potential is useful for the characterization of membranes, filters, plastics, colour coatings, varnishes, paper, hair, natural and synthetic fibres, textiles, etc.	Irena Petrinič
407.	MULTI-CHANNEL POTENTIOSTAT MultiPalmSens4	With its properties, it allows a more accurate study of highly resistant coatings and the determination of their physical characteristics, as well as the study of samples with a higher degree of susceptibility in more aggressive media.	Regina Fuchs Godec
408.	THERMOANALYTICAL SYSTEM TGA – DSC	The basic principle behind every thermal analysis is the measurement of one or more physical properties of the sample (weight, temperature, dimensions, optical properties) as a function of temperature.	Irena Ban
409.	SUPPORTING ANALYTICAL INSTRUMENTS	supporting analytical instruments enables the preparation and preliminary analysis of samples.	Zoran Novak
410.	UV DISSOLUTION SYSTEMS	The Agilent dissolution system 708-DS enables drug dissolution testing. The system is equipped with the automatic sampling station which allows automated sampling followed by the UV-Vis detector which analyzes the samples.	Zoran Novak
411.	ANALYTICAL BALANCE	Balance is designed for the precise weighing of samples.	Anja Petek
412.	Rotary evaporator	The instrument is designed for the evaporation of solvents under reduced pressure.	Zala Kolenc
413.	Instrument for preparation of pure water.	Instrument enables preparation of pure water of type I and type II.	Zala Kolenc
414.	ICP- OES SPEKTROMETER	The equipment performs metal measurements in traces in different liquid samples.	David Majer
415.	PREPARATIVE HPLC	The instrument is designed for flash chromatography and preparative HPLC chromatography. The instrument is also coupled with an autosampler and fraction collector, which enable a high degree of automatization of work.	Gregor Hostnik

416.	STEAM STERILIZER	A vertical laboratory sterilizer with a volume of 90 L can be used for sterilization of liquids and solids. Sterilization can be performed in the temperature range from 105 °C to 135 °C.	Maja Leitgeb
417.	INCUBATOR - SHAKER	The incubator - shaker is suitable for incubation of different samples at a certain temperature with the possibility of shaking at a certain speed. It can be used for the growth of microbial cultures in liquids and solid media at optimal conditions.	Maja Leitgeb
418.	EQUIPMENT FOR LIQUID CHROMATOGRAPHY	High performance liquid chromatography (HPLC) is a method used to separate, identify, and quantify each component in complex samples.	Zoran Novak
419.	CHEMISORPTION APPARATUS	The apparatus is completely automated. With its help, we can perform a series of very exact studies of chemical adsorption and temperature-programmed reactions.	Andreja Goršek
420.	OSCILLOSCOPE TELEDYNE/LECROY	Oscilloscope Teledyne/LeCroy HDO4054A is intended for measurement of fast electrical signals in testing electric versions, apparatus and detectors.	Samo Korpar
421.	LABORATORY EQUIPMENT FOR PRESSURE REGULATION STUDIES	The equipment is intended for studies of the regulation of the fundamental parameter in chemical and process industries – like pressure.	Zdravko Kravanja
422.	LABORATORY EQUIPMENT FOR TEMPERATURE REGULATION STUDIES	The equipment is intended for studies of the regulation of the fundamental parameter in chemical and process industries – like temperature.	Zdravko Kravanja
423.	UV-VIS SPECTROPHOTOMETER CARY 50 WITH TEMPERATURE-CONTROLLED CUVETTE HOLDER	With UV-Vis instrument with thermostat control, we can measure reflected light on transparent samples in the range between 200 to 1100 nm with precise temperature control.	Urban Bren
424.	LIQUID CHROMATOGRAPH WITH ULTRA-HIGH RESOLUTION / PDA	Liquid chromatography covers a wide range of applications. The HPLC-UV method is used to separate and identify a wide variety of complex matrix compounds. The method is suitable for determining analytes in low concentrations.	Zoran Novak

425.	UV-VIS SPECTROPHOTOMETER CARY 50 WITH OPTIC PROBE	With UV-Vis instrument with fibre optic probe, we can measure reflected light on non-transparent samples in the range between 200 to 1100 nm on liquid, solid or mixed samples.	Urban Bren
426.	POTENTIOSTAT PALMSENS WITH 8-CHANNEL DIVIDER	With the help of Potentiostat, we can perform different electrochemical analyses (voltammetry, amperometry, impedance spectroscopy). The potentiostat can be used for simultaneous measurements on multiple samples (coulometry, amperometry)	Urban Bren
427.	KROP - COMPUTATIONAL SYSTEM BASED ON INTEL XEON PROCESSORS	With the computational system, we can perform molecular modelling, thermodynamic studies on nanoscale volume, protein-ligand binding and predictions of protein behaviour under various conditions.	Urban Bren
428.	ANALYZER OF OVERALL VOLUME AND DENSITY MICROMERITICS GEOPYC 1365	During GeoPyc analysis, the volume of a quantity of a fine, dry, free-flowing powder, called DryFlo, is measured. The sample then is immersed in the DryFlo, and the displacement volume of the sample is measured. Because DryFlo conforms to surface irregularities much as a liquid would but does not enter the smallest pores (with entrance diameters smaller than approximately 25 microns), the volume of irregularly shaped or even multi-piece samples can be measured, and their density and porosity can be calculated. The analysis is quick and quiet, and it is generally non-destructive for the sample.	Krajnc Peter
429.	DEVICE FOR OSMOSIS PROCESSES FO	A laboratory device for osmosis processes in Slovenia has not been set up yet. Placing this equipment in the Laboratory for Water Biophysics and Membrane Processes will contribute a lot to the development of osmosis-based membrane processes. The FO laboratory device enables a fully automated and guided osmosis-based membrane filtration process. SCADA records conductivity, temperature, flow and pressure measurements. The equipment also includes a computer program to run the operations.	Irena Petrinič
430.	POTENTIOSTAT AUTOLAB	With the help of the Potentiostat, we are able to measure traces of heavy metals in different matrixes, e.g. in drinking water. Typical heavy metals are zinc, cadmium, lead, silver, bismuth, antimony, arsenic and copper.	Matjaž Finšgar
431.	ELEMENTAL ANALYZER PERKIN ELMER 2400	Elemental Analyzer enables exact elemental microanalysis of compounds and mixtures, which is crucial for texture confirmation and/or quantitative determination of the ratios in the mixture. The equipment also enables the exact determination of elements CHNS/O in different patterns, e.g. biological patterns, organic compounds, polymers, polymer materials, composites, etc.	Zdravko Kravanja

432.	HIGH PERFORMANCE LIQUID CHROMATOGRAPH/PDA, RID	Liquid chromatography covers a wide range of applications. The HPLC-UV method is used to separate and identify a wide variety of complex matrix compounds. The method is suitable for determining analytes in low concentrations.	Zoran Novak
433.	ELEMENTAL ANALYZER PERKIN ELMER 2400 SERIES II SYSTEM	With the elemental analyzer, it is possible to determine the mass proportions of nitrogen, carbon, hydrogen and sulfur in the samples. The device also offers the option of determining oxygen.	Krajnc Peter
434.	CLIMATE AND TEMPERATURE CHAMBERS	Apparatus for testing materials at certain humidity and temperature.	Željko Knez
435.	LIQUID CHROMATOGRAPH HPLC	Supportive analytical equipment is a tool for the development of new products with high added value. Products that can be used in the pharmaceutical and cosmetic industry are strictly defined and produced according to the principle of good practice.	Zdravko Kravanja
436.	LOW-TEMPERATURE DIFFERENTIAL DYNAMIC CALORIMETER DSC 3 - METTLER TOLEDO	Differential scanning calorimetry is the most frequently used thermal analysis technique. DSC measures enthalpy changes in samples due to changes in their physical and chemical properties as a function of temperature or time. It can be used for academic research as well as industrial development.	Darja Pečar
437.	SERVER HP DL580	For the development of i) methods and tools for solving combinatoric complex problems, ii) new or improved algorithms for global optimization and iii) development of computer synthesizer of process and other systems MIPSYN.	Zdravko Kravanja
438.	POTENTIOSTAT	With the help of Potentiostat, we are able to measure traces of heavy metals in different matrixes, e.g. in drinking water. Typical heavy metals are zinc, cadmium, lead, silver, bismuth, antimony, arsenic and copper.	Matjaž Finšgar

439.	LIQUID CHROMATOGRAPH WITH ULTRA-HIGH RESOLUTION (HPLC – VWD, ELSD)	Liquid chromatography covers a wide range of applications. The HPLC-ELSD method is used to separate and identify a wide variety of complex matrix compounds. The method is suitable for determining analytes in low concentrations.	Željko Knez
440.	DLS SYSTEM FOR MEASURING THE SIZE OF COLLOID PARTICLES WITH LASER	The apparatus is used to measure particle size.	Irena Ban
441.	HIGH PERFORMANCE LIQUID CHROMATOGRAPH/PDA	Liquid chromatography covers a wide range of applications. The HPLC-UV method is used to separate and identify a wide variety of complex matrix compounds. The method is suitable for determining analytes in low concentrations.	Zoran Novak
442.	TOC (TOTAL ORGANIC CARBON)- ANALYZER	For determination of total carbon in liquid samples.	Željko Knez
443.	INSTRUMENTS FOR PHYSICAL TESTS	Apparatuses for determination of densities and viscosities of substances.	Željko Knez
444.	CHAMBER FOR INERT ATMOSPHERE	GS Glovebox Systemtechnik enables working with sensitive chemicals in an inert atmosphere (nitrogen, argon) in the absence of oxygen and water vapours.	Irena Ban
445.	LIQUID CHROMATOGRAPH WITH HIGH RESOLUTION – DAD (HPLC – DAD)	Liquid chromatography covers a wide range of applications. The HPLC-DAD method is used to separate and identify a wide variety of complex matrix compounds. The method is suitable for determining analytes in low concentrations.	Željko Knez
446.	HIGH-PRESSURE REACTOR FOR SC H2O	Apparatus for hydrothermal reactions at elevated pressures.	Željko Knez
447.	METTLER TOLEDO RE40 FOR MEASURING THE REFRACTION INDEX OF SOLUTIONS	With Mettler Toledo DE40 we can measure the refraction index of liquids and solutions.	Urban Bren
448.	METTLER TOLEDO DE40 DENSITY METER FOR MEASURING SOLUTIONS	With Mettler Toledo DE40 we can measure the density of liquids and solutions.	Urban Bren

449.	GAS (HELIUM) PYCNOMETER MICROMERITICS ACCUPYC II 1340	By He-pycnometer the true density of solids can be determined. The basic principle of the instrument is based on gas law. The true volume of the sample is determined based on the pressure change of He in the chamber with a fixed volume. Knowing the mass of the sample, the true density of the sample is determined.	Krajnc Peter
450.	AUTOMATIC TITRATOR METTLER DL 70 ES (T50)	Automatic potentiometric titrator, Karl Fisher titrator for determination of water in samples, combined platinum redox electrode, combined glass pH electrode for pH measurements.	Matjaž Finšgar
451.	GAS CHROMATOGRAPH/FID	Gas chromatography covers a wide range of applications. The GC-FID method is used for separation and identification of the compounds from complex mixtures (e.g. environmental pollutants, drug components, antibiotics, etc.). The method is selective and appropriate for determining analytes at trace levels.	Zoran Novak
452.	CENTRIFUGE	Apparatus for centrifugation.	Željko Knez
453.	EASYMAX REACTOR SYSTEM	EasyMax™ is a reactor system for laboratories. It allows the development of robust processes at lab scale together with excellent knowledge about scalable parameters (temperature, dosing, heat output, safety).	Darja Pečar
454.	ADSORPTION POROSITY ANALYZER MICROMERITICS TRISTAR	The TriStar II is a fully automated, three-station, surface area and porosity analyzer that delivers high-quality data at an affordable price. The TriStar II also features a Krypton Option, allowing measurements in a very low surface area range.	Krajnc Peter
455.	THERMAL ANALYSIS SYSTEMS (DSC/TGA, HP-DSC)	Apparatus for thermal analysis of samples under pressure.	Željko Knez
456.	POROSITY ANALYZER	Determination of the surface area of different samples.	Željko Knez

457.	HIGH-PERFORMANCE LIQUID CHROMATOGRAPH/DAD	Liquid chromatography covers a wide range of applications. The HPLC-UV method is used to separate and identify a wide variety of complex matrix compounds. The method is suitable for determining analytes in low concentrations.	Zoran Novak
458.	AAS SPECTROPHOTOMETER PERKIN ELMER 3110	Atomic Absorption Spectrophotometer and Atomic Emission Spectrophotometer for determining different metals in different samples (e.g. drinking water). The concentration range of the determination depends on the type of analyte, technique, type and age of the light source, etc. For example, from 0.1 to 600 mg / L. We can measure Al, Ba, Ca, Cd, Co, Cu, Fe, Hg, K, Mg, Na, Ni, Pb, Ti, V, Zn, etc.	Matjaž Finšgar
459.	PHOTOCHEM	Determination of antioxidative potential.	Željko Knez
460.	INFRARED SPECTROSCOPY WITH FOURIER TRANSFORMATION FT-IR SPECTROMETER	Apparatus for quantitative and qualitative determination of substances in liquid and solid samples.	Željko Knez
461.	POTENTIOSTAT WITH FREQUENCY ANALYZER GAMRY 600 AND CORROSION CELL	With the help of the Potentiostat, we can perform different electrochemical analyses (voltammetry, amperometry, impedance spectroscopy). The potentiostat can be used for advanced corrosion studies and surface electrode studies.	Urban Bren
462.	GAS CHROMATOGRAPH/FID	Gas chromatography covers a wide range of applications. The GC-FID method is used for separation and identification of the compounds from complex mixtures (e.g. environmental pollutants, drug components, antibiotics, etc.). The method is selective and appropriate for determination of the analytes at trace levels.	Zoran Novak
463.	UV SPECTROPHOTOMETER	With UV-Vis instrument with fibre optic probe, we can measure reflected light on non-transparent samples in the range between 200 to 1100 nm on liquid, solid or mixed samples.	Zoran Novak

464.	SYSTEM FOR MILI Q WATER	Apparatus for production of water with extremely low conductivity.	Željko Knez
465.	REACTION CALORIMETER RC1 - METTLER TOLEDO	RC1e is a batch process development workstation designed for accurate temperature control along with strong exotherms, precise control of all reaction parameters, heat flow trending in real-time. Process parameters are optimized quickly and accurately. Safety studies can be performed.	Darja Pečar
466.	GAS CHROMATOGRAPHY – FID, TCD GC – FID, TCD	Gas chromatography covers a wide range of applications. The GC-FID, TCD method is used to separate and identify a wide variety of complex matrix compounds. The method is suitable for determining analytes in low concentrations.	Željko Knez
467.	GAS CHROMATOGRAPHY SYSTEM WITH FID DETECTOR (HP 6890, AUTOSAMPLER HP 6890 INJECTOR)	Gas chromatography covers a wide range of applications. The GC-FID method is used for separation and identification of the compounds from complex mixtures (e.g. environmental pollutants, drug components, antibiotics, etc.). The method is selective and appropriate for determination of the analytes at trace levels.	Matjaž Finšgar
468.	SUPERCritical CHROMATOGRAPH - LABORATORY CRITERIA(1)	Supercritical chromatography covers a wide range of applications. The method is used to separate and identify a wide variety of complex matrix compounds at pilot scale. The method is suitable for determining analytes in low concentrations.	Željko Knez
469.	IC10 REACTIR INFRARED SPECTROMETER - METTLER TOLEDO	ReactIR enables scientists to study reaction progression over time, providing highly specific information about initiation, endpoint, conversion, kinetics, mechanism, and pathway. This provides in-depth understanding for scientists as they improve the research and development of chemical compounds, synthetic routes, and chemical processes	Darja Pečar

470.	SYSTEMS FOR THERMAL ANALYSIS (DSC/TGA, HP-DSC)	Apparatus for the determination of thermal analyses of samples.	Željko Knez
471.	LASER GRANULOMETER	For determining particle size.	Željko Knez
472.	CATALYTIC REACTOR - ARMFIELD	The Armfield catalytic reactors utilise the sugar inversion reaction (Sucrose to Glucose and Fructose) to study the performance of packed-bed chemical and biochemical catalytic reactors. A colourimetric assay is used to determine the degree of conversion using an optical sensor.	Andreja Goršek
473.	MAGNETIC SCALE	Apparatus for measuring the sorption of gases in samples.	Željko Knez
474.	SUPERCRITICAL CHROMATOGRAPH - LABORATORY CRITERIA	Supercritical chromatography covers a wide range of applications. The method is used to separate and identify a wide variety of complex matrix compounds. The method is suitable for determining analytes in low concentrations.	Željko Knez
475.	GAS CHROMATOGRAPHY SYSTEM WITH QUADRUPOLE IONIC LAYER (MASS DETECTOR); GC/MS/MS, VARIAN3900, SATURN 2100T	Gas chromatography covers a wide range of applications. The GC-MS method is used for separation and identification of the compounds from complex mixtures (e.g. environmental pollutants, drug components, antibiotics, etc.). The method is selective and appropriate for determining analytes at trace levels.	Matjaž Finšgar
476.	HIGH PERFORMANCE LIQUID CHROMATOGRAPH VWD	Liquid chromatography covers a wide range of applications. The HPLC-UV method is used to separate and identify a wide variety of complex matrix compounds. The method is suitable for determining analytes in low concentrations.	Zoran Novak
477.	LYOPHILIZATOR	Apparatus for drying of materials at extremely low pressures and low temperatures.	Željko Knez
478.	UV-VIS SPECTROPHOTOMETER	Apparatus for spectrophotometric analysis.	Željko Knez
479.	APPARATUSES FOR DETERMINING BASIC THERMODYNAMIC PROPERTIES (NWA OPTICAL CELLS, SITEC, NWA HIGH-PRESSURE PUMPS)	The system enables determination of basic thermodynamic properties in sub- and supercritical conditions.	Željko Knez
480.	HIGH-PRESSURE REACTOR WITH MIXER (5L)	HP reactor for physical and chemical processes at pressure up to 500 bar.	Željko Knez

481.	LIQUID CHROMATOGRAPH WITH WITH MASS-SPECTROMETRIC DETECTOR (LC-MS)	Liquid chromatography covers a wide range of applications. The LC-MS method is used for separation and identification of the compounds from complex mixtures (e.g. environmental pollutants, drug components, antibiotics, etc.). The method is selective and appropriate for determining analytes at trace levels.	Matjaž Finšgar
482.	ROTAVAPOR	Apparatus for evaporation at reduced pressure.	Željko Knez
483.	LIQUID CHROMATOGRAPH VARIAN PROSTAR 210 WITH UV/VIS DETECTOR AND GRADIENT PUMP VARIAN PRO STAR 310	Liquid chromatography covers a wide range of applications. The HPLC-UV method is used to separate and identify a wide variety of complex matrix compounds. The method is suitable for determining analytes in low concentrations.	Matjaž Finšgar
484.	IONIC CHROMATOGRAPH DIONEX, DETECTOR ON EL. CONDUCTIVITY CD20, GRADIENT PUMP PRO STAR	Analyses with ion chromatography cover a wide range of applications. The IC method is used to separate and identify ionic species from different samples (e.g. drinking water).	Matjaž Finšgar
485.	ANAEROBIC DIGESTER - ARMFIELD	Anaerobic treatment processes involve bacteria, which function only in the absence of air. This digester is designed as a benchtop training facility and as a means of providing operational process data for plant design purposes.	Andreja Goršek
486.	AEROBIC DIGESTER - ARMFIELD	The continuous activated sludge process has been successfully employed for nearly a century. The benchtop aerobic digester is a comprehensive study facility of this biological water treatment process using safe, synthetically prepared wastewater.	Andreja Goršek
487.	POWDER DIFFRACTOMETER	Qualitative and quantitative analysis of granular crystalline materials.	Irena Ban
488.	THERMOGRAVIMETRIC ANALYSIS	TGA is used for performing thermogravimetric analyses.	Irena Ban

489.	UV/VIS VARIAN SPECTROPHOTOMETER CARY 1E	UV and VIS spectroscopy are used for the quantitative determination of analytes that absorb the energy of electromagnetic waves (light) in the visible or ultraviolet range (most organic, biologically active and coordination compounds).	Matjaž Finšgar
490.	LIQUID CHROMATOGRAPH VARIAN 9012 WITH DAD DETECTOR VARIAN 9065 POLYCHROM	Liquid chromatography covers a wide range of applications. The HPLC-UV method is used to separate and identify a wide variety of complex matrix compounds. The method is suitable for determining analytes in low concentrations.	Matjaž Finšgar
491.	CORROSION STUDIES KIT - ARMFIELD	The Armfield corrosion studies kit uses a number of simple items of equipment in a series of tests, designed to demonstrate how potentially corrosive situations may be recognized and avoided. Although the experiments refer principally to steel - water systems, the apparatus may be used as a test bench for other chemical systems.	Andreja Goršek
492.	AERATION UNIT - ARMFIELD	The purpose of this aeration unit is to permit the study of the oxygen transfer characteristics of diffused air systems including the physical and chemical parameters that influence their oxygenation capacity. These studies are a necessary prelude to the understanding of the biological treatment wastewaters.	Andreja Goršek
493.	TUBULAR REACTOR - ARMFIELD	Tubular reactors are often used when the continuous operation is required but without back-mixing of products and reactants. The equipment is specially designed to allow detailed study of this important process. Reactions are monitored by a conductivity probe.	Andreja Goršek

494.	CONTINUOUS STIRRED FLOW REACTOR - ARMFIELD	The continuous stirred tank reactor is used widely and is particularly suitable for liquid-phase reactions. Advantages of the system include consistent product quality and automatic control. Reactions are monitored by a conductivity probe and by temperature.	Andreja Goršek
495.	BATCH REACTOR - ARMFILED	Batch reactors are used widely in the industry at all scales. Batch reactors are tanks, commonly provided with agitation and a method of heat transfer (usually by coils or external jacket). This reactor is primarily intended for slow reactions of several hours since the downtime for filling and emptying is also important.	Andreja Goršek
496.	POTENTIOSTAT SOLARTRON 1250B WITH FREQUENCY ANALYZER 1287 AND CORROSION CELL	With the help of the Potentiostat we can perform different electrochemical analyses (voltammetry, amperometry, impedance spectroscopy). Potentiostat can be used for various electrochemical analytical techniques and corrosion studies.	Urban Bren
497.	JAIISLE IMP-88 POTENTIOSTAT WITH FARADAY CAGE	With the help of the Potentiostat, we can perform different electrochemical analyses in a shielded environment (voltammetry, amperometry).	Urban Bren
498.	ARMFIELD - EQUIPMENT FOR PRESSURE (PCT10, PCT14, WRITER) AND TEMPERATURE REGULATION (PCT 10, PCT9, PCT13,PCT17, WRITER)	Equipment is intended for studying pressure and temperature control phenomena.	Zdravko Kravanja
499.	OSMOMETER BASED ON VAPOR PRESSURE MEASUREMENT	With membrane osmometer, we can measure the molar mass of molecules between 40 and 35,000 g/mol for pure samples in a solvent	Urban Bren
500.	MEMBRANE OSMOMETER	With membrane osmometer, we can measure the molar mass of molecules between 10,000 and 1,000,000 g/mol for pure samples in a solvent.	Urban Bren
501.	DIFFERENTIAL DYNAMIC CALORIMETRY	DSC is used for measuring calorimetric properties.	Irena Ban

502.	UHDE EXTRACTION DEVICE (2)	The extraction device allows the extraction/isolation of various types of natural components under high pressure.	Željko Knez
503.	DENSITY METER	Apparatus for determination of densities of substances at elevated pressures.	Željko Knez
504.	HEAT TRANSFER DEVICE TUBE IN TUBE AND CONVECTION OBSERVATION APPARATUS	The apparatus enables to study the laws of heat transfer.	Darko Goričanec
Faculty of Agriculture and Life Sciences (FKBV)			
505.	Micasense ALTUM	Multispectra camera intended to evaluate vegetation state.	Jurij Rakun
506.	Ultra deep freezer	The -80 C freezer is used for deep-freezing biological samples prior to biochemical analyses.	Andreja Urbanek Krajnc
507.	Professional Lawn Mowers AS 960 SHERPA	The mowing tractor is intended for plant collection maintenance at the Botanical Garden of the University of Maribor	Andrej Šušek
508.	Tine-weeder	Tool for mechanical weed control in arable and vegetable crops	Manfred Jakop
509.	Finger weder	Tool for mechanical weed control in arable and vegetable crops	Manfred Jakop
510.	Leica RTK GPS receiver	Precise RTK GPS based navigation system.	Jurij Rakun
511.	VILBER FUSION-FX6.EDGE f/0.70	Instrument for documentation of DNA/RNA/protein/gels and blotted membranes. Detection based on chemiluminescence, fluorescence and visual light.	Maša Primec
512.	APPARATUS FOR DNA ANALYSIS - REAL PCR	Quantification of DNA.	Maša Primec
513.	LABORATORY FOR THE NUTRITION OF NON-RUMINANTS	Testing the effectiveness of dietary supplements in feed and water for animals.	Maksimiljan Brus
514.	MICROTITER PLATES READER	Quantitative readings from microtiter plates in different formats. Readings of absorption, fluorescence and luminescence. Kinetic measurements.	Tomaž Langerholc
515.	OLYMPUS BX51 MICROSCOPE	The microscope is used for fluorescence microscopical investigations.	Andreja Urbanek Krajnc
516.	FREEZING CABINET HFU 500 TV	Deep freezing (-75°C) for sensitive samples.	Tomaž Langerholc

517.	CO2 EMISSIONS MEASURING INSTRUMENT	The equipment is intended solely to measure CO2 emissions from the soil.	Denis Stajanko
518.	HPLC WATERS 2695 SEPARATION MODULE	Biochemical analysis of plant metabolites.	Andreja Urbanek Krajnc
519.	CONTAINER WITH MECHANISM FOR OPENING COVERS	The equipment is intended solely to measure CO2 emissions from the soil.	Denis Stajanko
520.	FUME HOOD WESEMANN DELTA SYSTEM 30	The fume hood is used for safety at work with hazardous and volatile chemicals.	Andreja Urbanek Krajnc
521.	SPECTROPHOTOMETER VARIAN CARY 50 BIO	Analyses of concentrations of various substances according to the principle of spectrophotometry.	Mario Lešnik
522.	CENTRIFUGE CENTRIC 400 R	Centrifugation; potential use of multiple rotors for centrifuge tubes 15 mL, 50 mL, 1.5mL.	Tomaž Langerholc
523.	GROWTH CHAMBER TERMOSTATIC ST 1200	Growth and development of plants in vitro.	Metka Šiško
524.	NIKON DIGITAL CAMERA FOR MICROSCOPE	The capture of digital images from the light/fluorescence Nikon microscope.	Tomaž Langerholc
525.	GROWTH CHAMBER TERMOSTATIC CABINET ST 120	Growth and development of plants in vitro.	Metka Šiško, Anja Ivanuš
526.	BRABENDER ROTARY MILL FOR MILLING CEREALS	The mill is intended for milling dry plant samples.	Miran Podvršnik
527.	LEAF AREA METER LAI 2000	Portable measuring device with non-destructive method of measuring the leaf area index and other structures of plant cover.	Manfred Jakop
528.	PCR BIOMETRA APPARATUS	DNA fragment amplification.	Metka Šiško
529.	DATA LOGGER CAMPBELL CR 1000 - DATA TERMINAL	The data logger is used for continuous measurement of ecophysiological data obtained by sensors.	Andreja Urbanek Krajnc
530.	CHROMATOGRAPH HPLC WITH PDA, RI AND FLUORESCENCE DETECTOR (WATERS 2475), AUTOSAMPLER (W 717), AUTOSAMPLER 717 PLUS WITH COOLER, FLUORESCENCE DETECTOR 2475	Quantitative determination of different organic compounds; readings of absorption, fluorescence and refractive index.	Janja Kristl
531.	TWO-CHANNEL ANALYZER NMIN	Quantitative determination of nitrate-N and ammonium-N in soil samples.	Janja Kristl
532.	HOMOGENISER MZ 80	The Equipment is intended for the implementation of different technological measures in the research during fruit processing.	Stanislav Tojnko

533.	CO2 INCUBATOR WITH SET FOR CONNECTING CYLINDERS	Temperature-controlled incubators for working with cell cultures that require CO2 atmosphere.	Tomaž Langerholc
534.	CONCENTRATOR EPPENDORF 5301	The vacuum concentrator is used for concentrating the extracted samples prior to biochemical analyses.	Andreja Urbanek Krajnc
535.	PHOTOMETER PHOTOLAB SPEKTRAL	Spectrophotometer for analysis of grape juice and wine.	Borut Pulko, Janez Valdhuber
536.	ULTRACENTRIFUGE RC-28S	Biochemistry, microbiology, biotechnology.	Tomaž Langerholc
537.	SYSTEM FOR MEASURING PHOTOSYNTHESIS WITH FLUOROMETER	Portable system for measuring photosynthesis with micro-climate control (light, temperature and CO2).	Manfred Jakop
538.	CENTRIFUGE ROTANA 460 R	For separating substances with a max. density of 1.2 kg/dm ³ .	Mateja Muršec
539.	MICROBIOLOGICAL PROTECTIVE CHAMBER M12	Sterile hood to prevent sample contamination.	Tomaž Langerholc
540.	GRAIN MOISTURE METER AQUAMATIC 5100	The AM 5100 is a grain analyzer, designed to determine moisture, temperature and absolute weight.	Manfred Jakop
541.	MICROSCOPE STEREO MODULAR EUROMEX	The equipment is intended for observing parts of plants.	Borut Pulko, Janez Valdhuber
542.	COLANDER EP 1000	The equipment is intended for the implementation of different technological measures in the research during fruit processing.	Stanislav Tojnko
543.	DEVICE FOR TANK MIXTURE APPLICATION	Equipment is intended for field applications experiments.	Miran Lakota
544.	EQUIPMENT FOR DETERMINING INTERNAL FRUIT QUALITY	The equipment is intended for the implementation of different technological measurements in the process of determining fruit quality.	Stanislav Tojnko
545.	ANALYTICAL EQUIPMENT OF THE LABORATORY FOR PHYTOPHYSIOLOGICAL RESEARCH II	Plant genetic analyses, tissue cultures.	Mateja Muršec, Janja Kristl, Franci Bavec
546.	SOXHLET'S EXTRACTION SYSTEM	Extraction of fat according to the classic Soxhlet method as well as for the purpose of determining analytes and contaminants in different plant samples.	Manfred Jakop

547.	CRYOSTAT TYPE MEV	The crypto is used for cutting biological specimen (plant and animal samples) for cytological investigations.	Andreja Urbanek Krajnc
548.	CO2 INCUBATOR WITH HOT AIR STERILIZATION OPTION	CO2 incubator for use with cell cultures that need sterile conditions.	Tomaž Langerholc
549.	MOBILE AUTOCLAVE	Sterilization with steam.	Anja Ivanuš
550.	LAMINATED VERTICAL CABINET, TYPE Lfv 15	Working cabinet for sterile inoculation.	Metka Šiško
551.	FREEZING CABINET FORMA SCIENTIFIC MODEL 952 ULT PLUS	The -80 C freezer is used for deep-freezing biological samples prior to biochemical analyses.	Andreja Urbanek Krajnc
552.	PROTECTIVE MICROBIOLOGICAL CHAMBER	Cultivation of microbes on artificial culture media.	Mario Lešnik
553.	GROWTH CHAMBER TYPE RK-720	Growth and development of plants in vitro.	Anja Ivanuš
554.	MILL ROTOR WITH ACCESSORIES	Grinding dry plant materials (soft tissues).	Janja Kristl
555.	INVERTED MICROSCOPE NIKON DIAPHOT 300	Inverted light / fluorecence microscope suitable for cell cultures.	Tomaž Langerholc
556.	GROWTH CHAMBER	Growth and development of plants.	Manfred Jakop
557.	MICROTITER PLATES READER - ONLY ABSORBANCE	The instrument is used to measure absorbance in the 96-well microtiter plate. The emission wavelength is limited by optical filters (without the monochromator).	Tomaž Langerholc
558.	HORIZONTAL DEPOSITION METER LH-SPR	The equipment is intended for testing field sprayers.	Miran Lakota
559.	SPECTROMETER VARIAN AAS	It was used for the determination of minerals in different samples.	Janja Kristl
Faculty of Logistics (FL)			
560.	Specialized cargo trailer	For use in the laboratory for quantitative modeling in logistics	Tomaž Kramberger
561.	OS H2 car + equipment Horizon Fuel 0171	For use in the UM FL Green Technology Laboratory	Matjaž Knez
562.	OS glasses Tobiiipro 10007121	For use in the Laboratory for Sustainable Mobility and Transport UM FL	Darja Topolšek
563.	OS-computer.Energy 312	For use in the UM FL Green Technology Laboratory	Matjaž Knez
564.	OS-computer.Energy 312	For use in the Laboratory for Cognitive Systems in Logistics UM FL	Tone Lerher

565.	OS-robot.receiver MCOST 036	For use in the Laboratory for Cognitive Systems in Logistics UM FL	Tone Lerher
566.	OS-robot.receiver MCOST 036	For use in the Laboratory for Cognitive Systems in Logistics UM FL	Tone Lerher
567.	OS camera 3D Pickit 167	For use in the UM FL Green Technology Laboratory	Matjaž Knez
568.	Self-driving collaborative robot	For use in the Laboratory for Cognitive Systems in Logistics UM FL	Tone Lerher
569.	3D camera for robotic picking	for use in the Laboratory for Cognitive Systems in Logistics UM FL	Tone Lerher
570.	Eye-tracking glasses	For use in the laboratory for sustainable mobility and transport UM FL	Darja Topolšek
571.	URSE collaborative robot	for use in the Laboratory for Cognitive Systems in Logistics UM FL	Tone Lerher
572.	RTLS real time tracking system	For use in the Laboratory for Cognitive Systems in Logistics UM FL	Tone Lerher
Faculty of Natural Sciences and Mathematics (FNM)			
573.	GPS STONEX S900A	The equipment is intended for precise determination of coordinates in the field.	Danijel Ivajnsič
574.	TERMICAL CAMERA DJI	The equipment is intended for spatial thermography.	Danijel Ivajnsič
575.	STEREOMICROSCOPE LEICA M205 C	The equipment is intended for photographing and analyzing macroscopic preparations.	Nataša Pipenbaher
576.	MICROSCOPE CAMERA DS-FI3	The equipment is intended for photographing and analyzing microscopic slides.	Peter Kozel
577.	MILESTONE 49010 ETHOS UP	The equipment is intended for microwave digestion	Jana Ambrožič Dolinšek
578.	GENE PULSER XCELL MICROBIAL	Elektroporator	Janja Trček
579.	SPECTROPHOTOMETER	The equipment is intended for the analysis of biological samples.	Janja Trček
580.	DEVICE FOR MECHANICAL POUNDING OF CELLS	The equipment is intended for mechanical cell breakage.	Nataša Pipenbaher

581.	AIR CHAMBER	The equipment is intended for the cultivation and observation of animal behaviour.	Vesna Klokočovnik
582.	REAL-TIME DNA MULTIPLICATION DEVICE	Real-time DNA multiplication equipment.	Janja Trček
583.	OPTICAL TWEEZERS WITH FLUORESCENCE MODULE	Optical tweezers is a research device that uses a highly concentrated laser beam to provide an attractive or reflective force (typical pN size order) depending on the difference in the refractive factor for holding and moving microscopically small dielectric objects. At the Institute of Physics, it is used for research and educational purposes.	Uroš Tkalec
584.	COMPUTER CLUSTER	A computer cluster is a computer system with 48 processors and a higher amount of working memory that we use to solve computational-intensive problems.	Igor Pesek
585.	CHROMATOGRAPHY WITH MASS SELECTIVE DETECTOR VARIAN 220-MS	A gas chromatograph grouped with a mass spectrometer enables quantitative and qualitative chemical analysis in terms of the validation of molecules and the measurement of their concentrations in complex biological and environmental samples. It is suitable for the analysis of molecules up to a molecular weight of 600 Yes. Sensitivity of analytes detection with a concentration to pg/L. Double MS/MS mass analysis.	Aleš Fajmut
586.	MICROSCOPE NIKON ECLIPSE 50I WITH FLUORESCENCE FOR MICROSCOPES	A microscope with high-quality optics allows zooms up to 1000 x; it also contains fluorescence.	Nataša Pipenbaher
587.	SPECTROPHOTOMETER VARIAN CARY 100 BIO UV-VIS	Analysis with UV-Vis spectrophotometer.	Janja Majer
588.	GEL SYSTEM FOR PICTURE ANALYSIS - TRANSILLUMINATOR	Gel Electrophoresis System: capturing and analysing the picture.	Nataša Pipenbaher

589.	MUT TRISTAN LIGHT UV-VIS NIR PHOTOSPECTROMETER (FIXED AND PORTABLE) WITH OPTICAL CONDUCTOR	It enables measurement of emission, transmission and reflection spectra of light in the wavelength range 200 nm - 1100 nm with a resolution of 0.5 nm. Contains a cuvette holder.	Aleš Fajmut
590.	STEAM STERILIZER - AVTOKLAV A-65 V	The steam sterilizer enables sterilization with steam under pressure. The volume of chamber is 65 L.	Nataša Pipenbaher
591.	PCR DEVICE-CYCLE THERMOSTAT 2906336	The in vitro PCR apparatus amplifies target DNA sections.	Nataša Pipenbaher
592.	STEREOMICROSCOPE NIKON E 800	The stereomicroscope in connection with a digital camera enables zooming, observing and studying various objects.	Vesna Klokočovnik
Faculty of Organizational Sciences (FOV)			
593.	SERVER SUPERSERVER 7046GT-TRF-1	Virtualization platform, where we host virtual environments for production and testing purposes.	CIIT - Klemen Methans
594.	SERVER SUPERSERVER 7046GT-TRF-1	Virtualization platform, where we host virtual environments for production and testing purposes.	CIIT - Klemen Methans
595.	SERVER SUPERMICRO SC8365Q-R800	Data storage for backups (software, documents, servers).	CIIT - Klemen Methans
596.	ARIS BUSINESS DESIGNER LICENCE	Licenses are not applicable since 2016 when AG changed the licensing policy and upgrades to this software for universities are free of charge. We now use version 9.8.	Tomaž Kern
597.	SERVER HP DL380G5	Virtualization platform, where we host virtual environments for production and testing purposes.	CIIT - Klemen Methans
598.	ARIS BUSINESS DESIGNER LICENCE	The license does not apply from 2016 when AG changed the licensing policy and the upgrades to this software for universities are free of charge. We now use version 9.8.	Tomaž Kern

599.	SERVER HP PROLIANT DL380R05	Virtualization platform, where we host virtual environments for production and testing purposes.	CIIT - Klemen Methans
600.	SERVER	Instead of a defective server, we use a virtual server on which ARIS 9.8 is installed.	Tomaž Kern
Faculty of Mechanical Engineering (FS)			
601.	FTIR SPECTRUM 3 AND IR MIKROSKOCE SPOTLIGHT 200i	The Spectrum Spotlight 200i FT-IR microscopy system enables the determination of elemental composition in the work in the following ways: • transmission • reflection • micro ATR using the included ATR lens (L1862043 Automated micro ATR) • optional ATR mapping with a special germanium attachment. It enables point capture with a high-light MB MCT detector 100x100 um. Switching between the visible and IR range is ensured without mechanical switching. Includes specialized software that provides automatic control of the entire system in one application, including viewing visible images, planning an IR experiment on the surface, along a line or at individual points, obtaining an IR image in total IR absorption or in an IR spectral map, image manipulation , data extraction and report. Multisearch for advanced library search is also added to the software for easir examination of unknown materials.	Lidija Fras Zemljič
602.	SYSTEM FOR CHARACTERIZATION OF THE SIZE AND MEASUREMENT OF THE VELOCITY OF DISPERSED PARTICLES AND DROPLETS IN ACTUAL TIME	The system for characterizing the size and measuring the velocity of dispersed particles and real-time droplets (VisiSize) consists of a laser, a high-power camera, and a computer. The laser and camera are mounted on a rail that allows you to adjust their distance. The system allows accurate observation and sizing of particles at different scattering angles. The robust design of the system components allows them to be placed in the observed flow of dispersed particles and thus determine their size even in the core of the dispersed particles.	Matej Zadavec
603.	EDS SYSTEM WITH A HIGH SURFACE AREA DETECTOR	Energy dispersive spectroscopy is an X-ray technique used to identify the elementary composition of materials. The EDS system is part of a scanning electron microscope (SEM), which defines the field of analysis. The method is based on the emitting of X-rays as a result of a change in the electron state of the sample; these characteristic X-rays correspond to certain chemical elements. The system enables qualitative mapping of the elementary composition of the sample and a quantitative evaluation of the present elements.	Silvo Hribernik
604.	RESEARCH SYSTEM FOR ADDITIVE MANUFACTURING OF METALLIC AND POLYMER MATERIALS: SELECTIVE LASER MELTING DEVICE	The equipment consists of a machine for selective laser melting of metals, with associated equipment for file preparation and product characterization. It is used for research in the field of additive manufacturing of highly demanding metal alloys, in-situ alloying and its use in medicine.	Igor Drstvenšek

605.	RESEARCH SYSTEM FOR ADDITIVE MANUFACTURING OF METALLIC AND POLYMER MATERIALS: SELECTIVE LASER SINTERING DEVICE	The equipment consists of two devices for selective laser sintering and an optical scanner for measuring the products. It is used for research and development of new polymeric materials for additive manufacturing by laser sintering and their use in the field of customised medical devices.	Igor Drstvenšek
606.	RESEARCH SYSTEM FOR ADDITIVE MANUFACTURING OF METALLIC AND POLYMER MATERIALS: ULTRASONIC METAL POWDER ATOMIZING DEVICE	The ultrasonic plasma atomizer enables the production of metal powders from metallic raw materials in the form of wires or rods. The process takes place in a protective atmosphere with an oxygen content of less than 10 ppm, which allows the atomization of a wide range of metals. The device is used to prepare new metallic materials for additive manufacturing.	Tomaž Brajljoh
607.	SYSTEM FOR DEVELOPMENT AND TESTING COGNITIVE PRODUCTION APPROACHES IN INDUSTRY 4.0: SENSORS, HARDWARE AND SOFTWARE EQUIPMENT FOR ERGONOMIC ANALYSIS OF A COLLABORATIVE WORKPLACE	The research equipment is used for research work in the field of studying human-machine interaction, performing ergonomic analyzes, measuring the impact of collaborative workplaces and experimental work in introducing new methods and approaches to evaluating collaborative workplaces on the entire production or service system.	Robert Ojsteršek
608.	MICROVOLUME SPECTROPHOTOMETER	This equipment is used for quantification of genetic material and for detection of contaminants that could inhibit downstream reactions.	Žiga Zebec
609.	SYSTEM FOR DEVELOPMENT AND TESTING COGNITIVE PRODUCTION APPROACHES IN INDUSTRY 4.0: COLLABORATIVE ROBOTS WITH EQUIPMENT	Equipment for research work of optimizing the cooperation of two robots in a common workspace by finding the maximum flexibility of an individual robot, and evaluating the impact of collaborative workplaces on the efficiency of production systems.	Borut Buchmaeister Karl Gotlih
610.	SYSTEM FOR CHARACTERIZATION OF ZETA POTENTIAL ON MATERIALS	Equipment for research work on characterization of zeta potential on macroscopic (planar) surfaces, membranes, fibers, macro, micro and nano particles with automatic titration unit for automatic determination of isoelectric point, ionic character and adsorption studies of molecules on the surface. It also allows the analysis of the stability of colloidal dispersions.	Lidija Fras Zemljih
611.	MATELECT DCM-2 CRACK GROWING MONITOR	The DCM-2 is a modern microprocessor based instrument for measuring crack depth in metals undergoing materials testing. It utilises the pulsed current potential drop method (DCPD) which is an established technique also covered by the ASTM 647 standard. The technique involves passing a constant current through the metal under test and measuring the resultant voltage drop that is created across the specimen. The presence of a growing defect will alter this voltage and by suitable calibration, a measure of the defect depth can be obtained. DCPD is generally regarded as easier to set-up than ACPD, but care	Nenan Gubeljok

		is required to attain comparable crack depth resolutions due to the extra opportunity for experimental noise.	
612.	ARAMIS 12M System for digital measurement of deformations	ARAMIS system measure statically or dynamically loaded specimens and parts by using a contact-free and material-independent method based on the principle of digital image correlation (DIC) – without time-consuming and expensive preparations of the test object.	Nenad Gubeljčak
613.	INDENTATION TESTER	Equipment for measuring hardness, modulus of elasticity, yield strength, resistance to creep and scatching in the nano- and micro-range of materials in the temperature range from room temperature to 400 ° C.	Franc Zupanič
614.	EXPERIMENTAL SYSTEM FOR COMPOUNDING NANO AND MICROSTRUCTURAL POLYMER BASED COMPOSITES AND METALLIC GLASSES	Equipment enables the research work in the field of synthesis of composite materials based on polymer as well as metallic glass matrices.	Ivan Anžel
615.	KEYENCE VHX 7000 STEREO MICROSCOPE TO MONITOR THE SURFACE OF THE MATERIAL DURING TESTING	It is 4K Ultra-High Accuracy Microscope! The system combines high-quality imaging with simple analysis, empowering users to make the best possible decisions through better information. Equipped with the fastest imaging technology, the VHX allows even beginner users to capture high-quality, fully-focused images in an instant. A full suite of measurement tools allows for any 2D measurements, 3D profiling and advanced measurements like grain or particle counting	Nenad Gubeljčak
616.	MOBILE SYSTEM FOR SYNCHRONIZED FAST DIGITAL RECORDING OF TRANSIENT PHENOMENA	Equipment for advanced digital visualization and measurements of extremely fast transient phenomena with high time and image resolution.	Zoran Ren
617.	LABORATORY DEVICE STIRO ROVING LAB	Laboratory device for converting the fibrous web into a strand or pre-yarn by winding it on a recording cylinder.	Vanja Kokol
618.	LABORATORY WASHING MACHINE FOM71CL	For testing washing effects of washing protocols, detergents, chemicals and disinfectants and for textile care quality control.	Branko Neral
619.	MICROSCOPE FSM NANOVIEW-1000	FSM allows the imaging of topography and materials' properties at micrometre and nanometer scales.	Jelka Geršak

620.	TWO-SEGMENTAL SOLID-STATE STEM DETECTOR	The STEM detector extends the imaging capabilities and analytical power of the FIB-SEM scanning electron microscope with the ability to analyze samples with the transmission electrons. This detector allows transparent imaging of samples with a thickness of <100 nm. The STEM detector enables the observation of characteristics at the nanometer level, which is important for the analysis of samples from projects involving nanoparticles or observation of nanostructured materials.	Rebeka Rudolf
621.	TESTING AREA FOR DYNAMIC TESTING OF MATERIALS	Equipment for dynamic tensile-pressure testing of samples on a servo-hydraulic machine with a maximum force of up to 30 kN.	Nenad Gubelj
622.	TEMPERATURE GAUGE TEMP14 USB	The equipment is intended for temperature measurement in precise dimensional measurements for correcting temperature expansion.	Bojan Ačko
623.	GAS CHROMATOGRAPH CLARUS SQ8S	Gas chromatography with MS-detector and autosampler for determination of volatile organic molecules (up to 450°C). It is used in research projects and research assignments of students, mainly for the analysis of saccharide or amino acid composition of natural products through derivatization.	Manja Kurečič
624.	DEVICE FOR MEASURING RESIDUAL STRESS PULSTEC U-X360	Non-destructive measurement by x-ray diffraction.	Nenad Gubelj
625.	ROTARY EVAPORATOR RC 600 WITH VACUUM PUMP	Device is used for the efficient removal of solvents under reduced pressure.	Aleksandra Lobnik
626.	3D - PRINTER FOR BIOMEDICAL APPLICATIONS	The equipment is intended for research activities within national and international projects and the work of early-stage and other researchers as well as for the collaboration with the industry. The printer is mainly used for the development of smart biological substitutes, such as 3D frames, which have the potential to restore, maintain and improve the functions of tissues that have impaired function due to various pathological influences. The versatility of the printer is reflected in its ability to design 3D frames and complex geometric models with precise control, repeatability, and the use of a wide range of input polymeric materials.	Lidija Fras Zemljič
627.	SYSTEM FOR HIGH-PRESSURE AND HIGH-TEMPERATURE HYDROLYSIS	The equipment is designed to perform experiments (reactions) that require high temperature and pressure	Aleksandra Lobnik
628.	LYOPHILIZATOR	Purpose of this equipment is measurement and material drying.	Matej Zdravec
629.	THERMAL CAMERA	Purpose of this equipment is to measure surface temperature using the IR spectrum.	Jurij Iljaž

630.	INDUSTRIAL ROBOT, 6-AXIS, ABB IRB 1200	The use of a robot for serving CNC machines in different technological systems. Learning to use and program industrial robots.	Ivo Pahole
631.	DISTILLER - RECTIFIER DEVICE	The equipment is designed to perform distillation.	Aleksandra Lobnik
632.	SPLIT-HOPKINSON-PRESSURE-BAR (SHPB) TEST AREA	The SHPB test apparatus is intended for experimental determination of the mechanical properties of engineering materials at high strain-rates in the range of 100 s^{-1} to $8 \cdot 10^4 \text{ s}^{-1}$.	Zoran Ren
633.	CNC LATHE HORIZONTAL DOOSAN LYNX 220LMA WITH STEERING CONTROL FANUC 0ITC+MGI	Machining by turning and live tooling for the process of drilling and milling. Learning of CNC control, turning and live tooling.	Ivo Pahole
634.	PRINTER INKJET DIMATIX MATERIALS	The equipment is intended for research activities within national and international projects. Allows the application of various coatings on surface solid samples. The InkJet printer allows the disposable use of A4-based liquid materials using disposable inkjet cards. This printer can design and define patterns on an area of approximately $200 \times 300 \text{ mm}$ in thicknesses up to 25 mm with adjustable height Z. The temperature of the vacuum plates that attach the substrate can be up to $60 \text{ }^\circ\text{C}$. The system also has an integrated web camera to optimize features droplet formation and deposition. This system makes it easy to print structures and samples for process verification and prototyping.	Lidija Fras Zemljič
635.	OXYGEN TRANSMISSION RATE TEST SYSTEM (PERME OX2/230, LABTHINK INSTR.)	Computer-controlled measuring of oxygen transmission rate of films, foils and packages (including bottles) in a range between $0,01 \sim 65,000 \text{ cm}^3/\text{m}^2/\text{day}$ at temperature of $15\text{-}55^\circ\text{C}$ and humidity of 0% or between $35\text{-}90\%$, and determining the durability life.	Vanja Kokol
636.	LATHE OPTI D420X1000	Classic lathe.	Ivo Pahole
637.	HPC SERVER + QNAP DISK ARRAY	Computer cluster HPC SERVER is intended for advanced scientific computing and enables parallel processing on 240 computing cores. The system runs under the operating system Rocks 6.1 (Emerald Boa). The following licensed software is installed on the system: <ul style="list-style-type: none"> - ABAQUS - for computational simulations of solid bodies; - ANSYS CFX - for computational simulations of fluids; - LS-DYNA - for computational simulations of dynamics of solid bodies; - BEMFLOW - for computational simulations of fluids. 	Zoran Ren

638.	FZG TEST AREA FOR TESTING GEARS	Testing gears made of different materials.	Srečko Glodež
639.	SPECTROPHOTOMETER UV/VIS WITH THERMOBLOCK	The equipment is intended for basic research in chemistry (inorganic, organic chemistry, synthesis chemistry, environmental chemistry, polymer chemistry, textile chemistry).	Aleksandra Lobnik
640.	OXIMETER - LAB. DEVICE FOR MEASURING DISSOLVED AND GASEOUS OXYGEN (OXY-10, PRESENS GMBH)	Computer-supported multi-channel oxygen meter for parallel monitoring with up to 10 microsensors (type PSt1: detection limit 20 ppb, range between 0 - 50% oxygen) based on 140 μm fibers, in the temperature range between 0 - 50 ° C and up to 80% relative humidity.	Vanja Kokol
641.	PILOT DEVICE FOR WASTE WATER CLEANING	The equipment is designed for wastewater treatment with the advanced oxidation process H ₂ O ₂ / UV.	Aleksandra Lobnik
642.	THERMOBLOCK LABCYCLER BASIC 96	Thermostating of agarose gels.	Branko Neral
643.	SYSTEM DOC PRINT VX2	System for visualisation of agarose gels.	Branko Neral
644.	HIGH-SPEED OPTICAL MEASURING SYSTEM NATIONAL INSTRUMENTS 1772 C	Detection, recognition of chips and tool wear measurements.	Ivo Pahole
645.	CRACKOTRONIC-EQUIPMENT FOR CYCLIC LOAD OF MATERIAL SAMPLES AND DETERMINATION OF THE WOEHLER CURVE	Determination of fatigue crack growth and determination of the Woehler curve at material fatigue.	Tomaž Vuherer
646.	GONIOMETER OCA 35 - DEVICE FOR AUT. MONITORING OF CONTACT ANGLES MEASUREMENTS	The equipment is intended for research activities within national and international projects. The equipment enables the measurement of the wettability of surfaces of smooth and solid materials of various origins. Measurements are made by determining the contact angle using different solvents and at different temperatures. A liquid strength is a solid if the wetting angle is $\leq 90^\circ$. The boundary cases are $\theta = 0^\circ$ when the liquid absolutely strengthens the solid, and $\theta = 180^\circ$ when the liquid does not strengthen the solid.	Lidija Fras Zemljič
647.	DEVICE OXITOP CONTROL 12	The equipment is designed to measure biochemical oxygen demand (BOD).	Aleksandra Lobnik
648.	LASER DEVICE FORMIGA P100	The equipment is designed for all types of research activities and the production of small batches of prototypes.	Igor Drstvenšek
649.	COMBINED WIDE-ANGLE AND NARROW-ANGLE X-RAY APPARATUS (DIFFRACTOMETER D8 ADVANCE)	The equipment is intended for research activities within national and international projects and for the work of MR. The system allows the determination of pore sizes and internal structure of materials also in the nano size class. The device allows the examination of samples even in liquid. The wide-angle attachment makes it possible to determine the degree of	Lidija Fras Zemljič

		crystallinity and the distances between atoms with a sub-nanometer resolution.	
650.	HPLC-SEC (AGILEN 1200) WITH RI, UV-VIS AND FLUORESCENT DETECTION	Computer-controlled industry-standard high-performance liquid chromatography (HPLC) for fast-track and routine chemical analysis of products with high efficiency and reliability. Systems include: vacuum degasser, quaternary pump, automatic sampler, thermostated column area, refractive index (RI), high-sensitivity variable UV-Vis (190-640 nm) and multi-wavelength fluorescence detectors.	Vanja Kokol
651.	TOC ANALYZER WITH AUTOSAMPLER AND COMP. CONTROL	The equipment is designed to measure total organic carbon in liquid samples.	Aleksandra Lobnik
652.	SYSTEM FOR FAST SERIAL PRODUCTION OF MEDICAL IMPLANTS	The equipment enables selective laser sintering of polyamide powders with additives. In this way, it is possible to produce plastic products within a tolerance range of 0.1mm. The maximum dimensions of the product can be 190 x 200 x 300mm. The smallest details that can be made are about 1mm in size.	Igor Drstvenšek
653.	XENOTEST APPARATUS ALPHA 290125	Determining the resistance of materials to light.	Olivera Šauperl
654.	FREQUENCY STABILIZED LASER-LASERTEX ALLAN SYSTEM	The equipment is primarily used for research (national research programs, European projects, development of the national standard for length) but it is also used in the education process as well as for calibration and measurements. The equipment can be applied for calibrating frequency of laser with wavelengths 633 nm, as well as for direct measurement of displacement/length with nanometer resolution.	Bojan Ačko
655.	THERMAL CAMERA IR FLIR P65	The thermal IR camera is used for thermographic analysis, which enables a detailed analysis of the temperature state of the substance or the observed object.	Jelka Geršak
656.	CNC ENGRAVING MACHINE LAKOS 150G	Table CNC milling/engraving machine.	Ivo Pahole
657.	QCM - QUARTZ CRYSTAL MICROBALANCE	Determining adsorption in the limit phase solid/liquid.	Lidija Fras Zemljič
658.	POROSITY METER	Porosity parameters analysis of different types of materials: specific pore volume, specific pore area, average pore diameter, volume porosity, volume density, apparent density, pore size distribution, etc. Equipment is suitable for the measurement of porosity of macro and mesoporous solid materials having pores in the size range of pore diameters from 900 μm to 3.8 μm or when measuring the porosity of microporous solid materials with pores in the size range from 5 μm in diameter to 3.6 nm.	Polona Dobnik Dubrovski

659.	MOBILE MEASUREMENT SYSTEM ARAMIS FOR MEASURING SURFACE DEFORMATIONS	The equipment is designed to determine the deformation state of the structural component and to measure the material response to loading.	Nenad Gubelj
660.	LASER INTERFEROMETER LASERTEX WITH SOFTWARE	The equipment is primarily used for research (national research programs, European projects, development of the national standard for length) but it is also used in the education process as well as for calibration and measurements. The equipment can be applied for calibrating 1D and 3D length measurement instruments, as well as for measurement system with nanometer resolution on 1D, 2D and 3D measuring instruments. The measurement range is 30 m.	Bojan Ačko
661.	ROTARY MICROTOME RM 2265 LEICA WITH ACCESSORIES	The motorized rotary microtome is designed for cutting and preparing samples of various materials, mainly for microscopy. It is equipped with a stereomicroscope (6.3x magnification) and allows the thickness of the cuts in the range of 0.25 μm to 100 μm , with the possibility of trimming in the range of 1 μm to 600 μm and with the possibility of programming the sample retraction in the range of 5 to 100 μm . Horizontal sample displacement up to 30 mm, vertical sample displacement up to 70 mm. Standard sample clamp: 50 x 55 mm, foil clamp 25 x 13 mm, round sample holder with clamps 15 mm and 25 mm diameter.	Simona Strnad
662.	LUMINOMETER LUMISTOX 300	The equipment is designed for toxicity analysis by luminescent bacterial tests and other luminimetric methods.	Aleksandra Lobnik
663.	SPECTROPHOTOMETER G1103A - UV/VIS	The equipment is designed for performing UV / VIS spectrophotometric analysis.	Aleksandra Lobnik
664.	SYSTEM FOR GEOMETRICAL VERIFICATION AND ENGINEERING DESIGN SUPPORT	The equipment is intended for three-dimensional digitalization of objects into polygonized models from which CAD models can be made. By comparing original CAD models with 3D object scans, we can analytically identify deviations and deformations in the manufacturing processes of these.	Igor Drstvenšek
665.	INTEGRAL MEASUREMENT SET FOR MECHANICAL TESTS AT LOW AND RAISED TEMPERATURE	The equipment is designed to determine the deformation state of the structural component and to measure the material response to loading. Based on measurements, it is possible to obtain data on displacements and deformation on the surface, which at a known load is suitable for comparison for numerically obtained results (e.g. with FEM).	Nenad Gubelj
666.	COMPUTER SYSTEM ATOS OPTERON OSA 250+MONITOR TFT 19"	The equipment is designed for all types of research activities.	Igor Drstvenšek
667.	3D CAPILLARY ELECTROPHORESIS G1600 WITH UV-VIS DETECTION	Computer-controlled rapid, high-efficiency and resolution analysis of sample (1-2 mL, by mass and charge of molecules) within an extended light-path capillary at controlled temperature (5-40 $^{\circ}\text{C}$) using capillary	Vanja Kokol

		electrochromatography (CEC), capillary-electrophoresis mass-spectrometry (CE/MS), and UV/Vis diode-array detector (190-600 nm, accuracy of 1 nm). System operate under constant voltage (0-30 kV), current (0-300 μ A) or power (0-6 W), and include automated fraction collector.	
668.	DEVICE FOR MEASURING DEFORMATIONS ON SURFACES OF OBJECTS	The equipment is designed to determine the deformation state of the structural component and to measure the material response to loading. Based on measurements, it is possible to obtain data on displacements and deformation on the surface, which at a known load is suitable for comparison for numerically obtained results (e.g. with FEM).	Nenad Gubelj
669.	UV-VIS SPECTROPHOTOMETER TECAN INFINITE M200	Computer-supported multimode plate reader for high-performance detection of solutions by absorbance and fluorescence monochromators/filters with top or bottom readings, that provide performing ELISA and other assays, and nucleic acid quantification.	Vanja Kokol
670.	PHOTOGRAPHIC CAMERA TRITOP, MEASURING CROSS 1M AND MEASUREMENT UNIT FOR 2M KIT	The equipment is designed for all types of research activities.	Igor Drstvenšek
671.	DIG. CAMERA ATOS WITH PROJECTOR, MEASUREMENT UNITS AND 3 SETS OF LENSES (20,80,150CM)	The equipment is designed for all types of research activities.	Igor Drstvenšek
672.	DYNAMOMETER	Mechanical properties analysis of textile and other materials.	Polona Dobnik Dubrovski
673.	PROGRAMMER FOR COLOURING APPARATUS MATHIS T6311	The equipment is intended for research activities and education.	Darinka Fakin
674.	CLIMATE CHAMBER KK 105 CH	The equipment is intended for research activities within national and international projects and the work of early-stage researchers.	Aleksandra Lobnik
675.	SCANNING ELECTRON/ION MICROSCOPE SEM/FIB QUANTA 200 3D	Quanta 200 3D is an environmental scanning electron microscope with double beams - electron and ion. The microscope is called "environmental" or "ESEM" because it allows you to work at different pressures and up to 100% humidity. At high vacuum, we can observe conductive samples (e.g. metal samples or non-conductive samples coated with a conductive layer). At low vacuum, we can observe both conductive and non-conductive samples without prior preparation. In "ESEM" mode, we can observe all types of samples (polymeric materials, ceramics, non-conductive surface layers, geological, biological and medical samples). It is also possible to observe wet, greasy and dirty samples (fresh plants, living beings or tissues) and in-situ processes. We can observe and process materials (etching the surface of the sample, cutting, polishing the cut surface, drawing various patterns on	Franc Zupanič

		different materials and processing materials in the nano- and micro-area. Applying platinum protects the surface from damage caused by ionic cutting, allows more accurate cutting, reduces or eliminates the electrical charge of the non-conductive sample and allows conductive connections between the elements.	
676.	HIGH-RESOLUTION SCANNING ELECTRON MICROSCOPE FE SEM SIRION 400 NC WITH EDX MICROANALYZER	Sirion FEG is a high-resolution field electron microscope with field electron emission. Particles in the nanometer range can be observed and analyzed. Sirion has a Schottky electron origin, where we obtain a small diameter electron beam and high electron density by field electron emission. The result is high resolution, even at low voltages: 1.0 nm at 15 kV or 2.0 nm at 1 kV. The microscope is equipped with energy dispersion spectrometer EDS Oxford INCA 350 for microchemical analysis. It enables qualitative and quantitative microchemical analysis in a point and on the surface, as well as qualitative line analysis and surface distribution of elements. Elements from beryllium onwards can be analyzed.	Franc Zupanič
677.	FT-IR SPECTROPHOTOMETER WITH COMPUTER	The equipment is intended for basic research in chemistry (inorganic, organic chemistry, synthesis chemistry, environmental chemistry, polymer chemistry, textile chemistry), but also for various analytical purposes.	Aleksandra Lobnik
678.	SYSTEM FOR VACUUM CASTING OF POLYURETHANE AND WAX MCP 4/01	Casting of Polyurethane or wax into silicone rubber moulds.	Igor Drstvenšek
679.	CASTING DEVICE MPA 300	The casting of non-ferrous metal products based on a model moulded/melted mould.	Igor Drstvenšek
680.	THREECOORDINATE MEASURING DEVICE	The equipment is primarily used for research (national research programs, European projects, development of the national standard for length) but it is also used in the education process as well as for calibration and measurements. The equipment can be applied for measuring complex industrial products up to the volume of 1200 mm x 850 mm x 600 mm, as well as for calibrating materialised measures of length, such as standard rings and plugs and thread gauges.	Bojan Ačko
681.	SPECTROPHOTOMETER PERKIN ELMER LAMBADA 900 UV/VIS/IR	The equipment is intended for research activities and education.	Darinka Fakin
682.	APPARATUS FOR DETERMINING THE RESISTANCE OF FABRIC AGAINST RUBBING	Determining the resistance of materials against rubbing.	Olivera Šauperl
683.	OXYGEN INDEX TO ASTM D2863 FTT	LOI index determination.	Olivera Šauperl
684.	SYSTEM KJELDAHL BUCHI FOR MEASURING N	The equipment is intended for research activities and education.	Darinka Fakin
685.	SPECTROPHOTOMETER USB2000 - UV/VIS	The equipment is designed for performing UV / VIS spectrophotometric analysis.	Aleksandra Lobnik

686.	SYSTEM FOR QUANTITATIVE ANALYSIS OF THE MICROSCOPIC IMAGE WITH EQUIPMENT	The equipment is intended for research work as part of national and international projects as well as for solving industrial problems.	Ivan Anžel
687.	MICROSCOPE OLYMPUS SZX 12	Measurement of distances and area size up to x144 magnification.	Nenad Gubelj
688.	COLOURING APPARATUS MATIS JET	The equipment is intended for research activities and education.	Darinka Fakin
689.	ROTARY BENDING TESTING MACHINE UBM 200	Rotary bending test up to 160 Nm and 18 mm in diameter.	Tomaž Vuherer
690.	ELECTRONIC SYSTEM FOR DATA CAPTURE SOLO II-15	Purpose of this equipment is the measurement and analysis of flow.	Jure Marn
691.	ADDITIONAL EQUIPMENT FOR LASER WATER FLOW METER	Purpose of this equipment is the measurement and analysis of flow.	Jure Marn
692.	COLOURING APPARATUS MATHIS T6311	The equipment is intended for research activities and education.	Darinka Fakin
693.	COLOURING APPARATUS AHIBA MATIS	The equipment is intended for research activities and education.	Darinka Fakin
694.	LABORATORY DRYER AND CONDENSING DEVICE	The equipment is intended for research activities within national and international projects.	Darinka Fakin
695.	SPCKTROMETER CARY 50 UV/VIS	The equipment is intended for research activities and education.	Darinka Fakin
696.	TESTING AREA FOR TESTING DRIVES	Determination of basic characteristics of drives.	Srečko Glodež
697.	KES-FB AUTO SYSTEM	The computer-controlled air conditioning chamber enables the artificial creation of a different thermal environment required to investigate the thermal physiological load of test persons in a cool and warm environment.	Jelka Geršak
698.	OPTICAL MICROSCOPE AXIOTECH 25 HD (+POL) (ZEISS), HIGH-RESOLUTION CAMERA FOR MICROSCOPY AXIOCAM MRC (D) WITH DIGITAL INTERFACE AND SOFTWARE FOR IMAGE ANALYSIS AXIOVISION REL. 4.8.2.	The microscope is designed for observing samples of different materials both in transmission mode (for transparent samples) and in reflection mode (for non-transparent samples) as well as in dark field and/or polarized light. The high-resolution microscope camera AxioCam MRc (D) enables the acquisition of high-quality microscopic images that can be processed and analyzed with the software Axiovision Rel. 4.8.2 (ZEISS).	Simona Strnad
699.	SIROFAST MEASURING SYSTEM FOR OBJECTIVE EVALUATION OF FABRIC	Measuring system for objective measurement of mechanical and physical properties of fabric.	Jelka Geršak

700.	APPARATUS FOR DETERMINING WATER VAPOUR PERMEABILITY L14 SCHRODER	Determination of water vapour permeability through the material.	Olivera Šauperl
701.	XENOTEST 150 S	Determination the resistance of materials to light.	Olivera Šauperl
702.	POLARIZING MICROSCOPE	Geometrical structure analysis of textiles.	Polona Dobnik Dubrovski
Faculty of Health Sciences (FZV)			
703.	ULTRASOUND SONOSITE	It is an ultrasound machine for learning ultrasound anatomy (e.g., the abdominal cavity).	Miljenko Križmarić
704.	US SONDA TEE X	It is part of an ultrasound machine for learning ultrasound anatomy (e.g., the abdominal cavity).	Miljenko Križmarić
705.	US STOJALO	It is part of an ultrasound machine for learning ultrasound anatomy (e.g., the abdominal cavity).	Miljenko Križmarić
706.	US SONDA P 21X	It is part of an ultrasound machine for learning ultrasound anatomy (e.g., the abdominal cavity).	Miljenko Križmarić
707.	US SONDA HFLX	It is part of an ultrasound machine for learning ultrasound anatomy (e.g., the abdominal cavity).	Miljenko Križmarić
708.	PATIENT SIMULATOR METI HPS	High complexity simulator for learning technical and clinical skills in a simulation environment. Solutions for preclinical and clinical education with simulations with simulations of vital functions included.	Miljenko Križmarić
709.	BABYTHERM	It is a body heating device that provides heat to the body. It helps maintain the baby's body temperature. The heat is inclined to flow in the direction of the heat gradient, which is from high temperature to low temperature. Body heaters provide artificial support to maintain a constant body temperature.	Barbara Kegl
710.	MODEL US	It is a simulator of the human body used in learning ultrasound anatomy (e.g., the abdominal cavity).	Miljenko Križmarić
711.	EMG ME 6000	Biomonitor ME6000 is a data logger for measurement and monitoring of electromyography (EMG) and other physiological signals.	David Haložan
Faculty of Arts (FF)			
712.	Laboratory equipment actiCHamp PLUS 64 System with actiCAP	Equipment for measuring EEG signals	Satja Mulej Bratec
Faculty of Medicine (MF)			

713.	Next generation sequencer and system for analysis of DNA and RNA microarrays	DNA and RNA sequencing; high resolution whole genome genotyping; highthroughput genome wide genotyping; DNA methylation (epigenomics)	Uroš Potočnik
714.	3D X-ray nanomicroscope	Advanced, high-resolution digital 3D visualisation of material samples of different X-ray densities	Uroš Maver
715.	Upright confocal microscope Leica Stellaris 8 Falcon Dive	Nonlinear microscopy. Live-cell microscopy. Long time series microscopy. Multi-dye separation. FLIM and FRAP microscopy.	Andraž Stožer
716.	Infrared laser unit Chameleon Discovery NX	Nonlinear microscopy. Two- and multiphoton excitation microscopy.	Andraž Stožer
717.	Multiplex Immunological Analyser	User-friendly multiplexing in different samples on plates (up to P96).	Uroš Maver
718.	Cryostat Cryostar NX50 OPH	Easy system for preparing cryo slices of different patterns.	Uroš Maver
719.	Vitaprint 3D bioprinter	3D bioprinting of various polymeric materials for biomedical engineering purposes (regenerative medicine, in vitro models of diseases and tissues)	Uroš Maver
720.	Vakuu evaporator	Research equipment, implemented in teaching process, enables the distillation at lower temperature and reduced pressure. It is used in sample preparation and solvent removal in extraction processes.	Petra Kotnik
721.	Cryostat Cryostar NX50 OPH	Easy system for preparing cryo slices of different patterns.	Uroš Potočnik
722.	Vitaprint 3D bioprinter	3D bioprinting of various polymeric materials for biomedical engineering purposes (regenerative medicine, in vitro models of diseases and tissues)	Uroš Potočnik
723.	High Resolution Mass Spectroscopy (HRMS) coupled with nano HPLC chromatography (nHPLC-HRMS)	The equipment enables the identification and quantification of proteins in complex clinical samples. The equipment enables the analysis of native (Intact, Top-down proteomics approach) and degraded proteins (Bottom up proteomics approach). The equipment enables also the identification and quantification of metabolites in complex clinical samples. We use nHPLC-HRMS for discovery of proteomic diagnostic and prognostic biomarkers for personalized medicine	Uroš Potočnik
724.	CO2 INCUBATOR	The CO2 incubator ensures control of the temperature and CO2 content, allowing the cultivation of cell cultures.	Boris Gole
725.	CAMERA DIGITAL LEICA DMC 6200	It is a monochrome high-resolution camera for the fluorescence microscope Leica DMI6000B.	Uroš Maver

726.	ATOMIC FORCE MICROSCOPE, ADVANCED, SERIES 7500	The atomic force microscope represents the technique of determining the topography of the different types of samples with nanoresolution. Measurements can be carried out in the air and in liquid media, and at the same time, the sample can be heated or exposed to various gases. The device also allows you to measure force spectroscopy, which presents a process to determine the interactions between different types of samples.	Uroš Maver
727.	SPECTROMETER OPTICAL EMISSION AGILENT 5110 VDV ICP-EOS	The optical emission spectrometer allows the determination of various elements (typically metal) in different samples (including biological). The method is useful in determining the composition of various materials and is also very useful in the fields of metallomics and toxicology.	Uroš Maver
728.	TABLE ULTRACENTRIFUGE WITH DIFFERENT ROTORS	The ultracentrifuge is used for centrifuging volumes from 2 ml to 30 ml at a speed from 5.000 to 150.000 rpm.	Aleksander Kocuvan, Maja Rupnik
729.	LEICA ULTRAMICROTOM	It is used to cut ultra-thin slides or sections of samples for light and electron microscopy.	Saška Lipovšek
730.	IMMUNOLOGICAL ANALYZER OF THE SECOND GENERATION OF ECL TECHNOLOGY	The immunological analyzer has a pipetting robot and an internally cooled centrifuge as well as a spectrometer, which allows the determination of immunological (eg IgG) and some serological parameters (eg Vitamin D) in biological samples (plasma, serum, blood, urine).	Uroš Potočnik
731.	HEMATOLOGICAL ANALYSIS SYSTEM - ADVIA 560 APPARATUS	Advia 560 allows the measurement of blood parameters (haemoglobin, platelets) as well as differential blood cell analysis (neutrophils, monocytes) based on the electrical properties of diluted blood in the flow system.	Uroš Potočnik
732.	MICROTOM-VIBRATION	The microtome is designed for tissue slice preparation.	Rudi Mlakar, Andraž Stožer
733.	EVOS MICROSCOPE	It is a user-friendly fluorescence microscope with multiple lenses and a full wavelength wide spectrum.	Uroš Maver
734.	MUSE CELL ANALYZER MMI	The basic function of the cell analyzer is to measure the number of cells in a selected sample (typically a cell suspension). By using special kits, which can be purchased from the producer, the base cell count can be upgraded by measuring specific processes in cells (e.g. cell cycle, apoptosis, viability ...).	Uroš Maver
735.	ADAPTER CAMERA	An upgrade of the fluorescence microscope Leica DMI6000B – a color camera.	Uroš Maver
736.	MAGNA LYSER 230 V	MagNA Lyser disrupts biological material and is used in pre-preparation for subsequent DNA or protein purification, extraction or analysis.	Aleksander Kocuvan
737.	QUANTSTUDIO GENOTYPIZATION SYSTEM	QuantStudio is an apparatus for qualitative DNA and quantitative RNA analysis using HRM or qPCR techniques. The device also provides digital PCR with the use of OpenArray chips, which achieves very high accuracy.	Uroš Potočnik

738.	A NEXT GENERATION SEQUENCING SYSTEM	The next-generation sequencing system MiSeq is based on the flow cell which selectively sequences the prepared DNA library, thus determining the genetic code.	Uroš Potočnik
739.	STEAM STERILIZER	It sterilizes housing cages of laboratory mice/rats by the means of steam.	Maruša Rošer, Andraž Stožer
740.	AUTOMATED FRANCO DIFFUS. CELL SYSTEM	This equipment represents a fully automated release testing system from topical and transdermal pharmaceutical forms.	Uroš Maver
741.	QUANTUM.DNA SYSTEM AND PROT. (GBOX, READER)	The GBOX reader is essentially a wide-spectrum camera that allows imaging in the UV-VIS range. By using a specific dye, it is thus possible to identify and quantify proteins, DNA and RNA.	Uroš Potočnik
742.	ELECTROPHYSIOL.-NIKON FN1 SYSTEM (MICROSCOPE)	The Nikon system allows for electrophysiological measurement of ion channel activity.	Rudi Mlakar, Andraž Stožer
743.	INDIVIDUALLY VENTILATED CELLS SYSTEM FOR RATS	The system houses laboratory rats. Cages are individually ventilated and temperature/humidity is displayed.	Maruša Rošer, Andraž Stožer
744.	INDIVIDUALLY VENTILATED CELLS SYSTEM FOR RATS	The system houses laboratory rats. Cages are individually ventilated and temperature/humidity is displayed.	Maruša Rošer, Andraž Stožer
745.	ELECTROPHYSIC SYSTEM.-MONOCHROMATIC LIGHTING SYSTEM	The system is designed for sample illumination with different wavelengths, it is tailored for slow photo-release of calcium ions within cells.	Rudi Mlakar, Andraž Stožer
746.	MONOCHROMATIC LIGHT SOURCE POLYCHROME V	Polychrome is a light source of different wavelengths, intended for fluorophore excitation or caged-calcium photolysis.	Rudi Mlakar, Andraž Stožer
747.	THE BIOLOGICAL CHAMBER FOR ANIMAL CELLS CHANGE	The chamber is intended to help transfer laboratory animals to clean cages. It is equipped with air suction.	Rudi Mlakar, Andraž Stožer
748.	THE BIOLOGICAL CHAMBER FOR ANIMAL CELLS CHANGE	The chamber is intended to help transfer laboratory animals to clean cages. It is equipped with air suction.	Rudi Mlakar, Andraž Stožer
749.	CELL WASHER FOR SMALL ANIMALS - NON-TRANSITIVE	The washing machine is intended for washing housing cages of laboratory mice/rats.	Rudi Mlakar, Andraž Stožer
750.	QIACUBE APPARATUS	Qiacube enables the automation of the isolation of DNA and RNA from samples using a pipetting robot and an internal centrifuge.	Uroš Potočnik

751.	MOTORIZED MICROMANIPULATOR	The manipulator has electrically-driven motors for controlled movement of patch-clamp head-stage/sample table.	Rudi Mlakar, Andraž Stožer
752.	INDIVIDUALLY VENTILATED ROOM SYSTEM FOR MICE	System houses laboratory mice. Cages are individually ventilated and temperature/humidity is displayed.	Maruša Rošer, Andraž Stožer
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755.	INDIVIDUALLY VENTILATED ROOM SYSTEM FOR MICE	System houses laboratory mice. Cages are individually ventilated and temperature/humidity is displayed.	Maruša Rošer, Andraž Stožer
756.	FLUORESCENT MICROSCOPY SYSTEM	The system allows for fluorescence microscopy of live tissue samples.	Rudi Mlakar, Andraž Stožer
757.	BIOANALYSER-DNA QUALITY CONTROL SYSTEM	Bioanalyser (DNA quality control system) enables the characterization and quantification of DNA and RNA samples based on micro-level gel electrophoresis. This determines whether the sample is of sufficient quality for the most demanding reactions.	Uroš Potočnik
758.	SPECTROMETER-AGILENT CARY 630 FTIR	It is a modular infra-red spectrometer system that allows multiple modules (e.g. transmission and ATR modules) to be used. Measurements enable either the identification of specific molecules in multi-component samples, and at the same time identifying functional groups.	Uroš Maver
759.	LITTER REMOVAL UNIT	It enables dispensing litter from animal cages.	Maruša Rošer, Andraž Stožer
760.	FUME CUPBOARD, CASE WITH ACID AND BASE BOX	It ensures safe working with hazardous and volatile chemicals.	Uroš Potočnik
761.	SWAM AMPLIFIER	The system is designed for patch-clamp measurement, e.g. ion channel currents, its speciality is the measurement of capacitance.	Rudi Mlakar, Andraž Stožer
762.	ELECTROPHYSIC SYSTEM.-MONOCHROMATIC LIGHTING SYSTEM	The system is designed for sample illumination with different wavelengths, it is tailored for slow photo-release of calcium ions within cells.	Rudi Mlakar, Andraž Stožer
763.	FREZALA-LEICA EM TRIM2	It is used to shape samples for cutting with the ultramicrotome.	Saška Lipovšek

764.	LEICA KMR 3 GLASS KNIFE KIT	It is used to cut glass knives.	Saška Lipovšek
765.	ANTIVIBRATION TABLE	The anti-vibration table is designed to prevent the transfer of vibration from the ground.	Rudi Mlakar, Andraž Stožer
766.	FLOW CYTOMETER FOR COLOR IMAGING	The flow cytometer is a flow system with a microscopic camera that can capture every single cell in the sample. By using specific dyes it is possible to separate cell subpopulations and quantify them.	Uroš Potočnik
767.	MOTORIZED INVERTED MICROSCOPE	The Leica DMI6000 B inverted microscope for biomedical research offers Differential Interference Contrast (DIC) for relief imaging of specimens with varying indices of refraction.	Uroš Maver
768.	LITTER REMOVAL UNIT	The LightCycler® 480 System is a high-performance, medium- to high-throughput PCR platform (96- or 384-well plates) that provides various methods for gene detection, gene expression analysis, genetic variation analysis, and array data validation.	Uroš Maver
769.	ANAEROBIC CHAMBER	The anaerobic cabinet is suitable for cultivation of microorganisms and for experimental work in anaerobic atmosphere and at temperature 37°C.	Aleksander Kocuvan, Maja Rupnik
770.	MTP MONOCHROMATIC READER	It is a spectrophotometer that allows the determination of absorbance, fluorescence and chemiluminescence on multiwell plates (up to P96).	Uroš Maver
771.	DETECTION SYSTEM	The GBOX reader is essentially a wide-spectrum camera that allows imaging in the UV-VIS range. By using a specific dye, it is thus possible to identify and quantify proteins, DNA and RNA.	Saška Lipovšek
772.	AUTOCLAVE A65	It is an essential tool for sterilization as part of work protocols in a cell laboratory.	Uroš Maver
773.	CO2 INCUBATOR	The CO2 incubator ensures control of the temperature and CO2 content, allowing the cultivation of cell cultures.	Uroš Maver
774.	HPLC SYSTEM (HIGH RESOLUTION LIQUID CHROMATOGRAPHY)	The Leica microscope allows for confocal measurement from live tissues, it also allows epifluorescent and bright-field microscopy. It enables partial analysis of time series as well as 3D reconstruction.	Rudi Mlakar, Andraž Stožer
775.	HPLC SYSTEM (HIGH RESOLUTION LIQUID CHROMATOGRAPHY)	The system enables the separation of non-volatile components from biological and non-biological matrixes and their qualitative and quantitative analysis.	Petra Kotnik, Željko Knez
776.	ANALYZER (COBASS C 111 Z ISE)	Cobass c111 enables the measurement of biochemical parameters and electrolytes in biological samples (saliva, serum, urine, etc.) based on chemical reactions with commercial tests.	Uroš Potočnik
777.	TWO-PHOTON LASER - CHAMELEON	The two-photon laser is a laser source for the technique of two-photon fluorophore excitation in the confocal microscopy.	Rudi Mlakar, Andraž Stožer

778.	VARIOSKAN FLASH TOP INCL. BOTTON	The Varioskan Flash (Figure 1–1) is an advanced spectral scanning multimode reader. It is used to measure fluorescence intensity (FI), time-resolved fluorescence (TRF), absorbance and luminescence in endpoint, kinetic and spectral measurements in the UV/Vis/NIR range from appropriate microplate formats. In fluorometric and luminometric measurements 6 to 1536-well plates can be used, and correspondingly 6 to 384-well plates in photometric measurements.	Uroš Maver
779.	MICROTOM WITH CARRIER	Cutting slides or sections of samples for preparing microscopic slides.	Saška Lipovšek
Faculty of Education (PEF)			
780.	EYE TRACKER	For use in the pedagogical process of UM PEF study programs.	Jože Brecl
781.	MOBILE CLASSROOM (TABLETS, CHARGING STATION 40PORT, CHARGING CABINET)	For use in the pedagogical process of UM PEF study programs.	Jože Brecl
782.	KAWAI PIANO	For use in the pedagogical process of UM PEF study programs.	Adriana Magdovski
783.	GRAPHIC PRESS ARTLY E 120	For use in the pedagogical process of the study program Art Pedagogy at UM PEF.	Bojan Valh