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| **Scientific Equipment** | **Equipment manufacturer, model** | **Equipment group** |
| High-resolution electron microscope for nanostructured materials research | TESCAN MAIA3 LMU | Equipment for materials research |
| Multifunctional atomic force microscope | PARK AFM | Equipment for materials research |
| Confocal laser scanning microscope | Leica TCSP-5 | Equipment for materials research |
| UV-Vis spectrophotometer | Shimadzu UV-2550 | Equipment for sample characterization and analysis; |
| Solid-state micro-spectrometer | TFProbe MSP500RTFM | Equipment for sample characterization and analysis; Equipment for materials research |
| Sputter coating System | Kurt J Lesker LAB18 | Equipment for sample characterization and analysis; Equipment for materials research |
| Nanoparticle sputtering system | NanoGen | Equipment for sample characterization and analysis; Equipment for materials research |
| Electrochemical workstation | Zahner | Equipment for materials research |
| Optical recording systems for recording rainbow holograms and 3D holograms | Equipment models of various manufacturers and self-made systems. | Equipment for sample characterization and analysis; Equipment for materials research |
| Solid State Photoluminescence and Raman Spectrophotometer | DUV miniPL 110 | Equipment for sample characterization and analysis; Equipment for materials research |
| ~~Augstas izšķirtspējas rentgendifraktometrs (nestrādā)~~ | ~~Rigaku SmartLab~~ | ~~Iekārtas materiālu pētniecībai~~ |
| Complex of high productivity and advanced technology equipment for material preparation and analysis | The set consists of equipment models from different manufacturers | Physical - chemical process research equipment; Equipment for sample characterization and analysis |
| Device for accelerated cleaning of samples | Struers Lavamin | Equipment for materials research; Equipment for sample characterization and analysis |
| Micro And Macro Hardness Testing Devices | Innovatest Falcon 503 | Equipment for materials research; Equipment for sample characterization and analysis |
| Sample sawing machine | Struers Labotom5 | Equipment for materials research; Equipment for sample characterization and analysis |
| Robot arm and CNS training kit | Kuka KR 30 HA | Equipment for materials research; Equipment for sample characterization and analysis |
| Grinding-polishing equipment | Struers Labopol 30 | Equipment for sample characterization and analysis; Equipment for materials research |