



Advanced Vibration Isolation

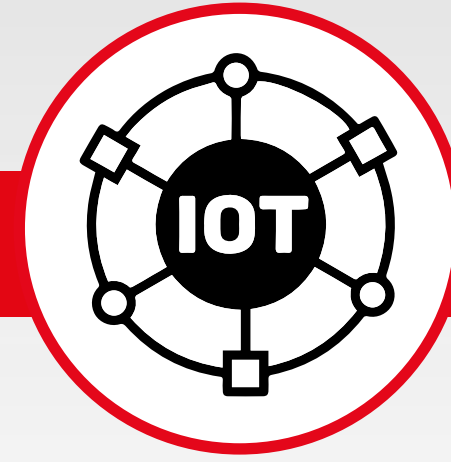
Table Top
Application Note



K Our Main Capabilities



**Vibration
isolation**



IoT

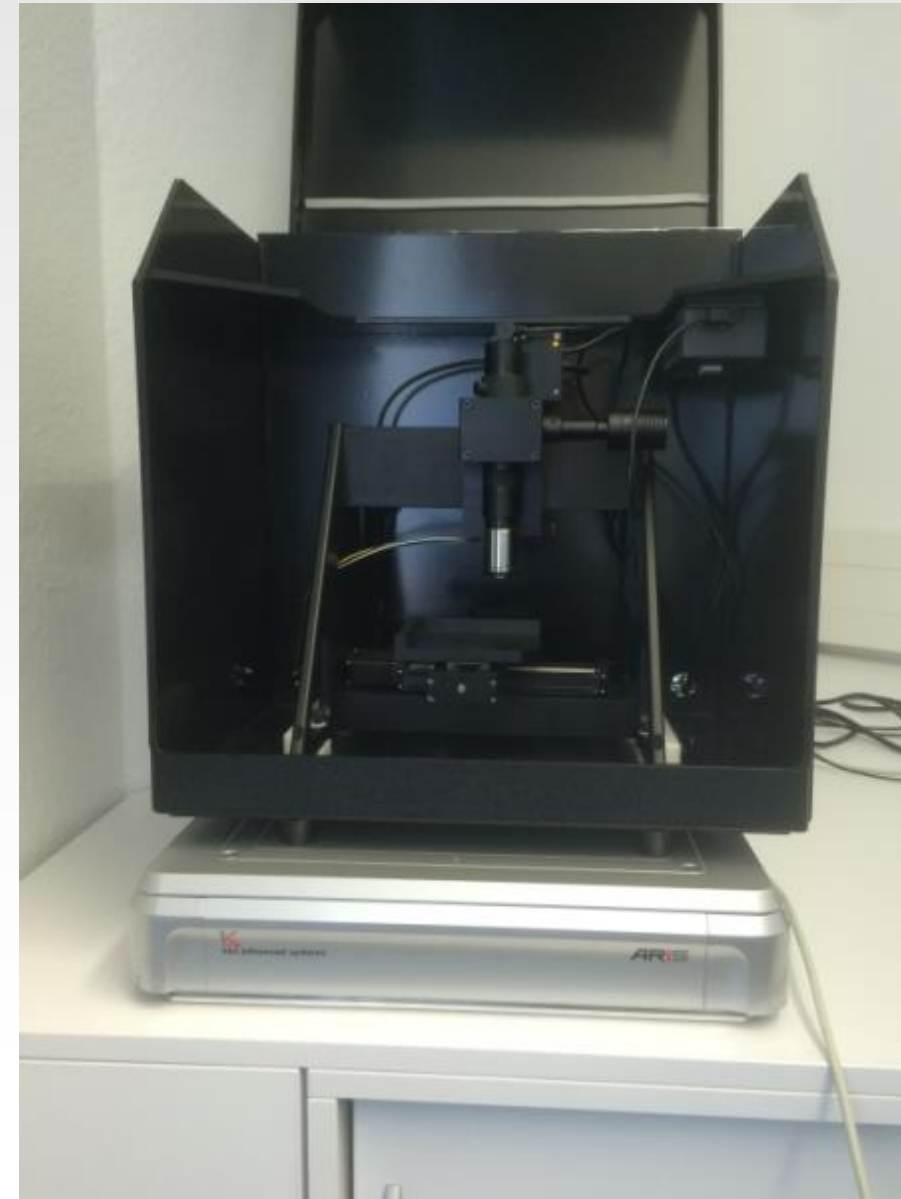
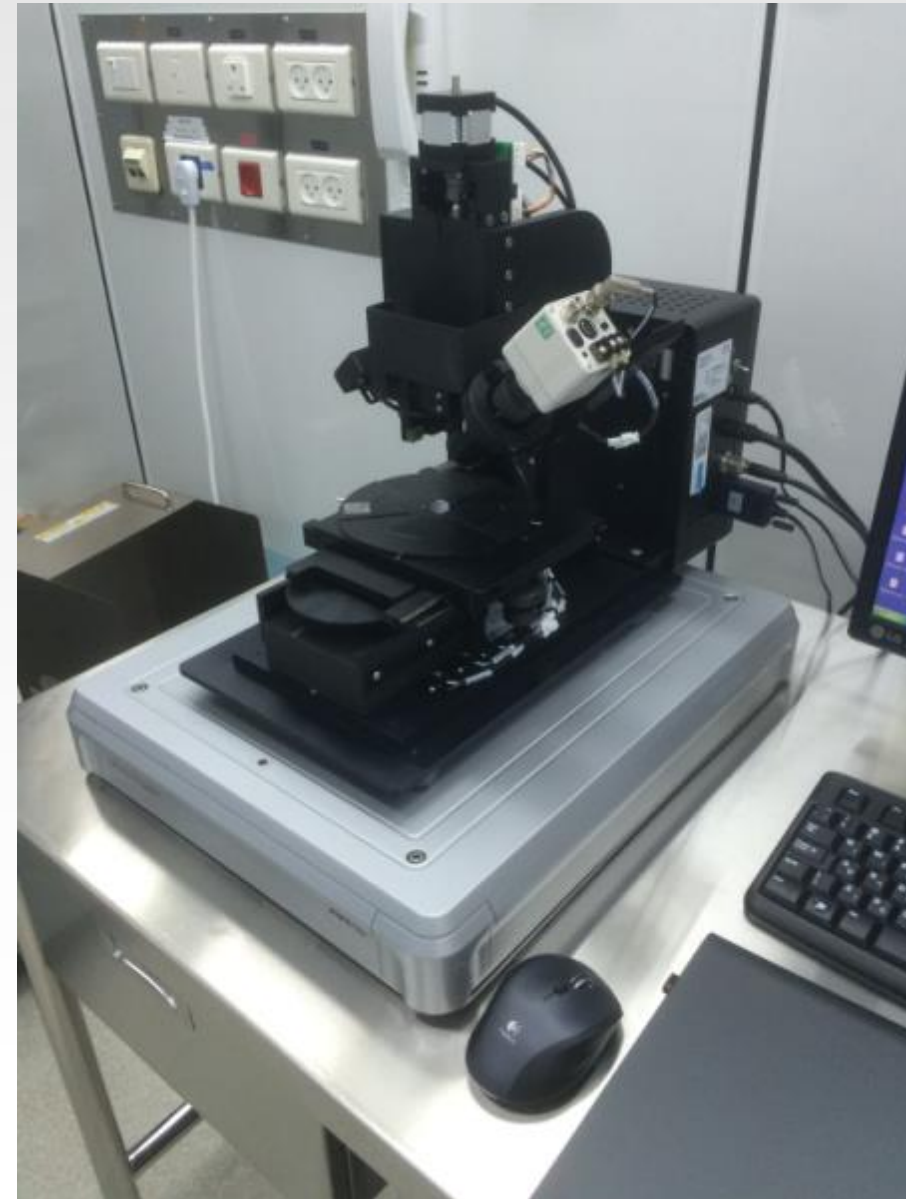


**Artificial
intelligence**

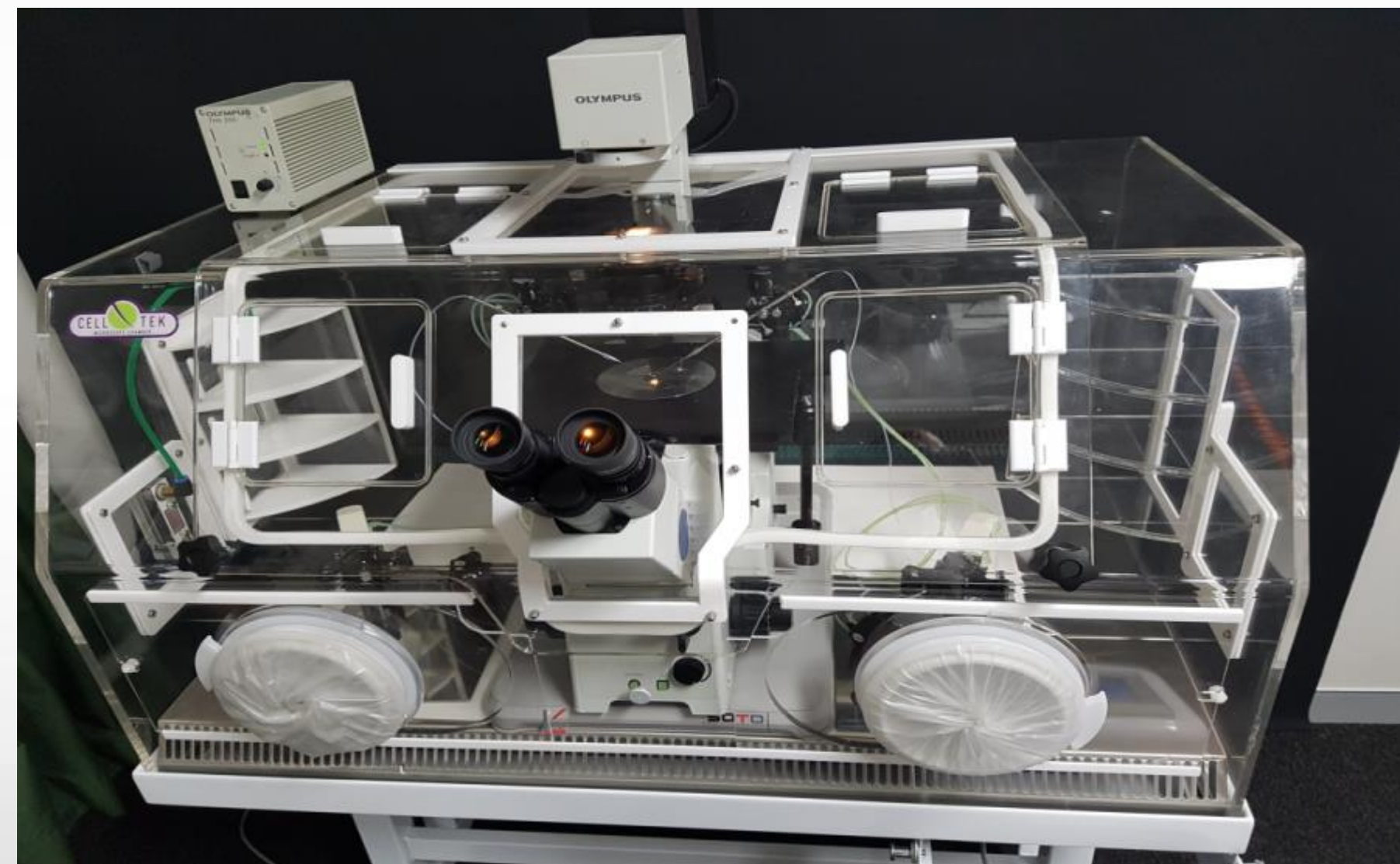
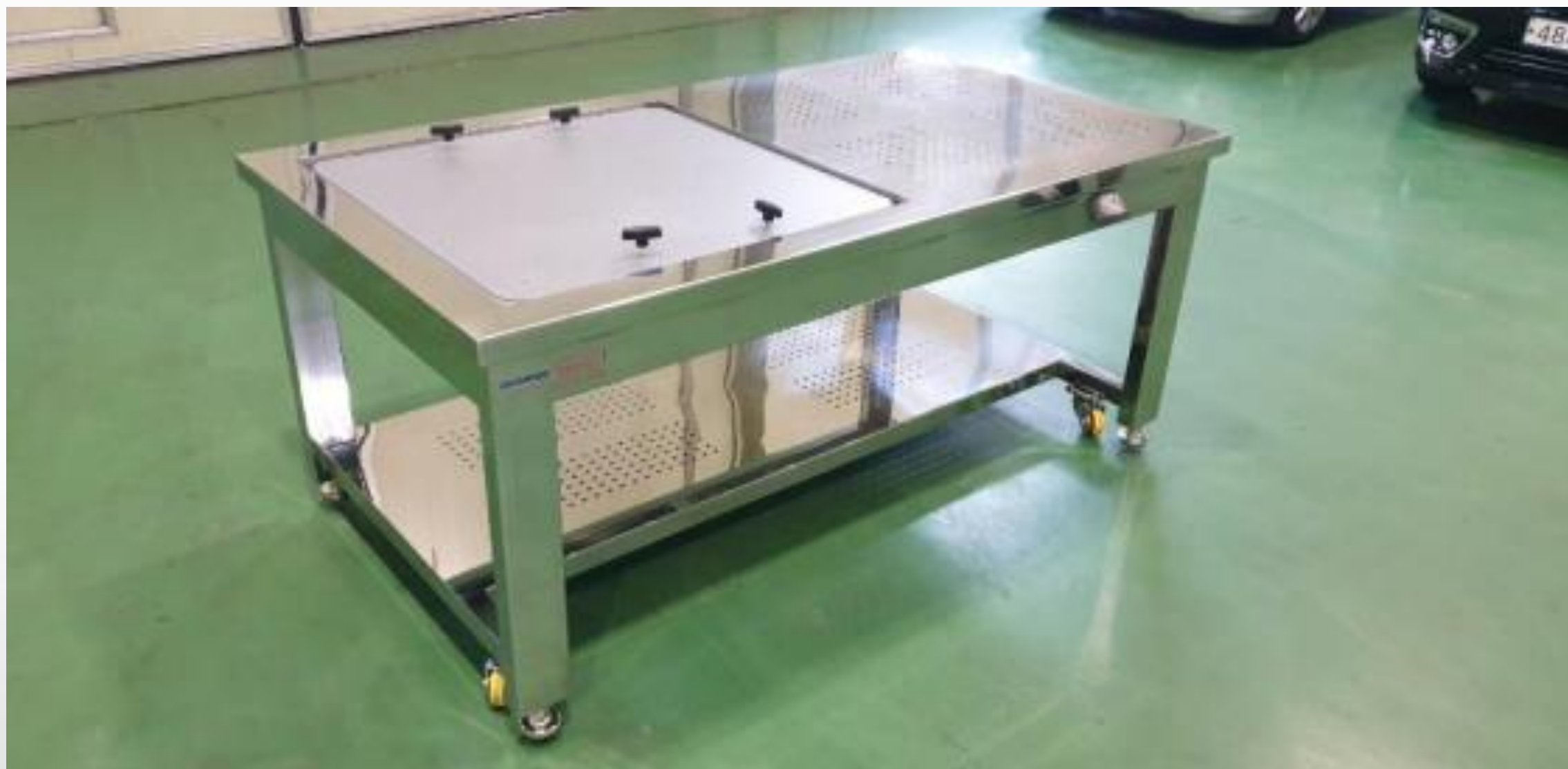
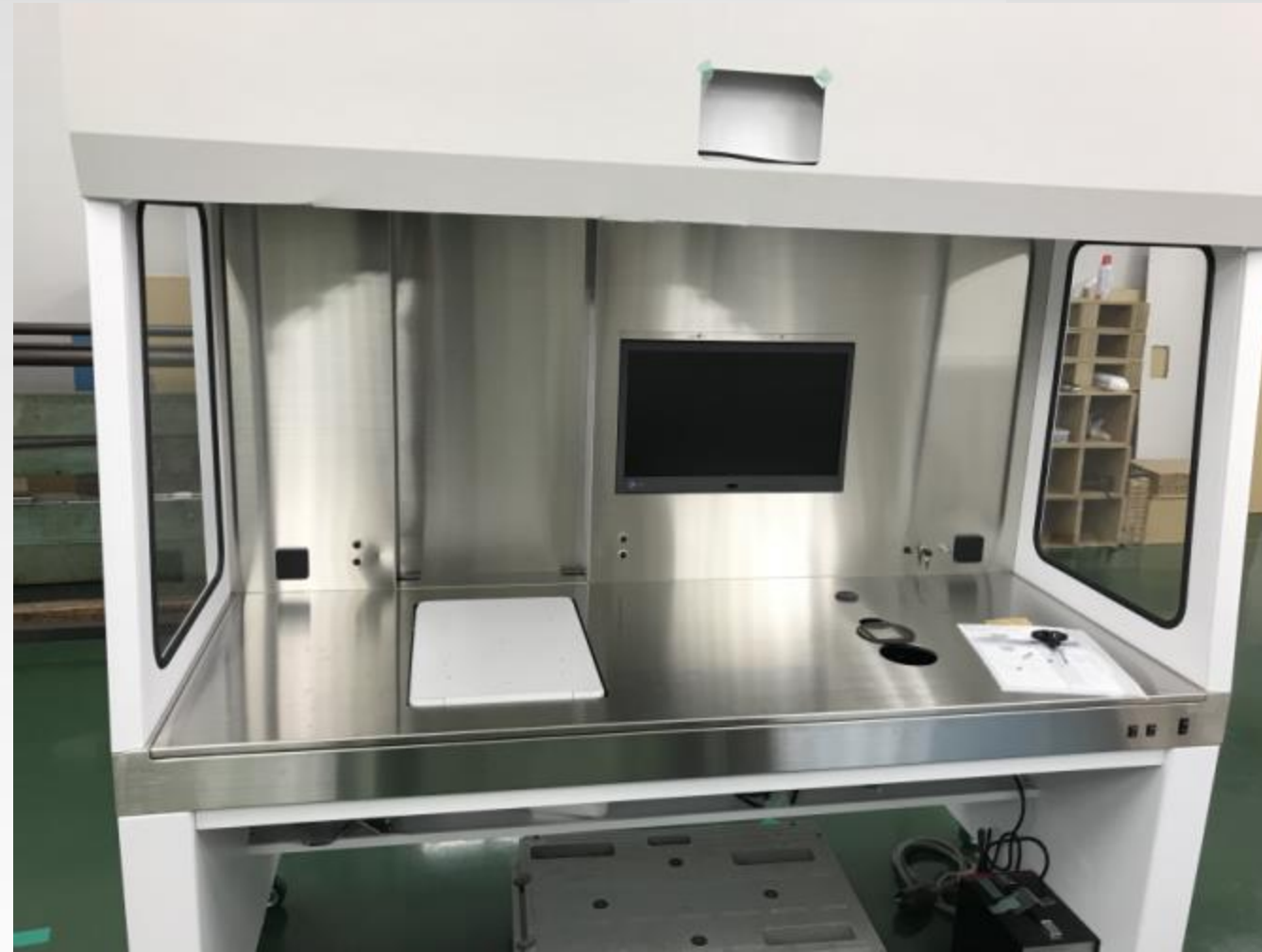


**Sensing
vibrations
sources**

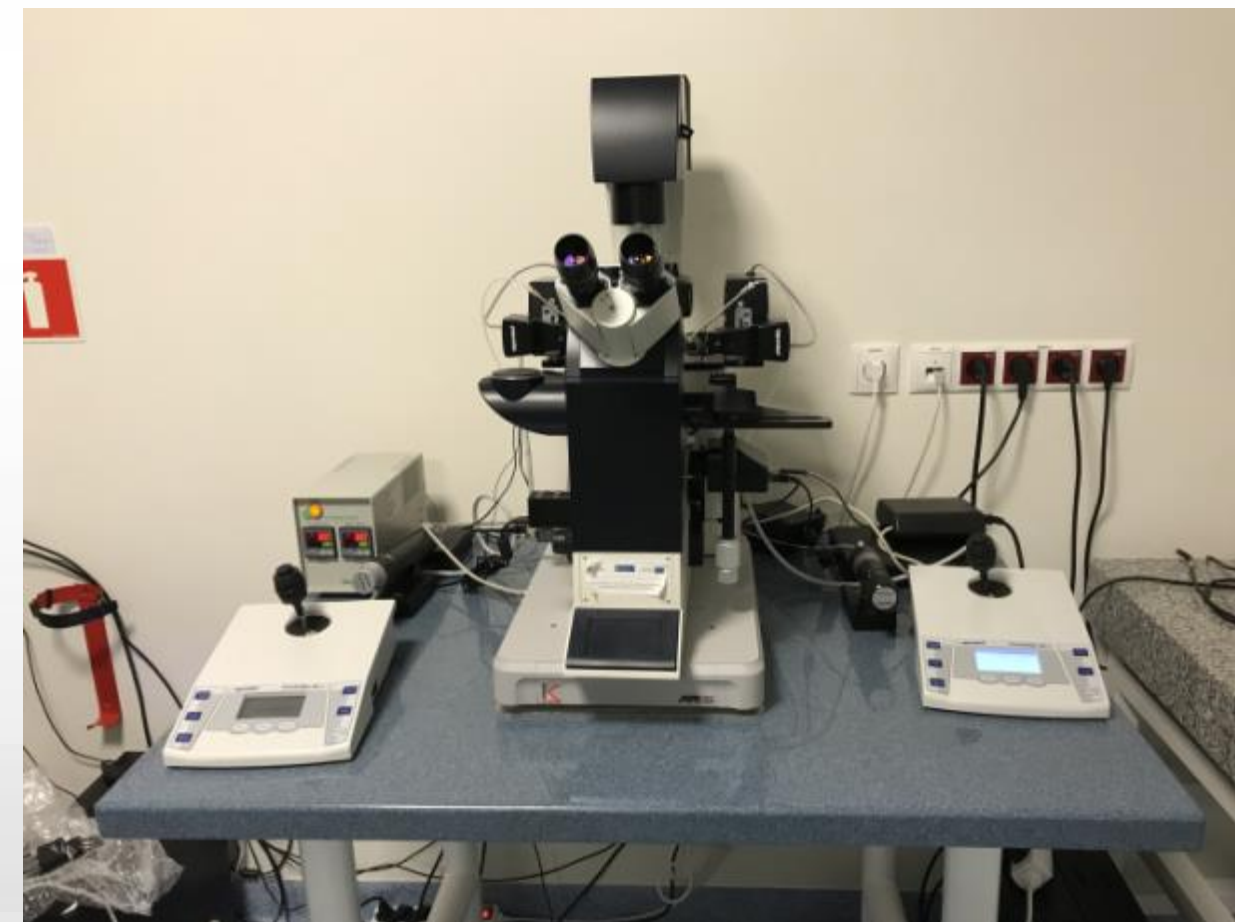
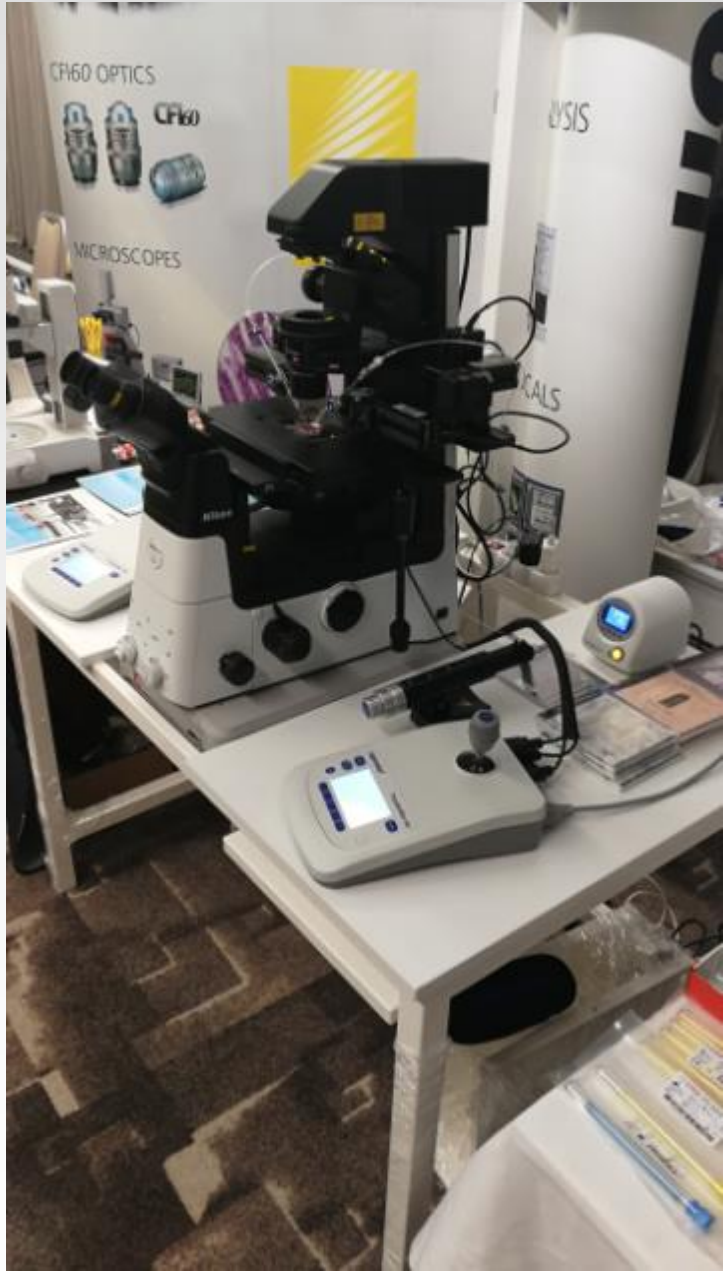
K Installation Examples – Semiconductors



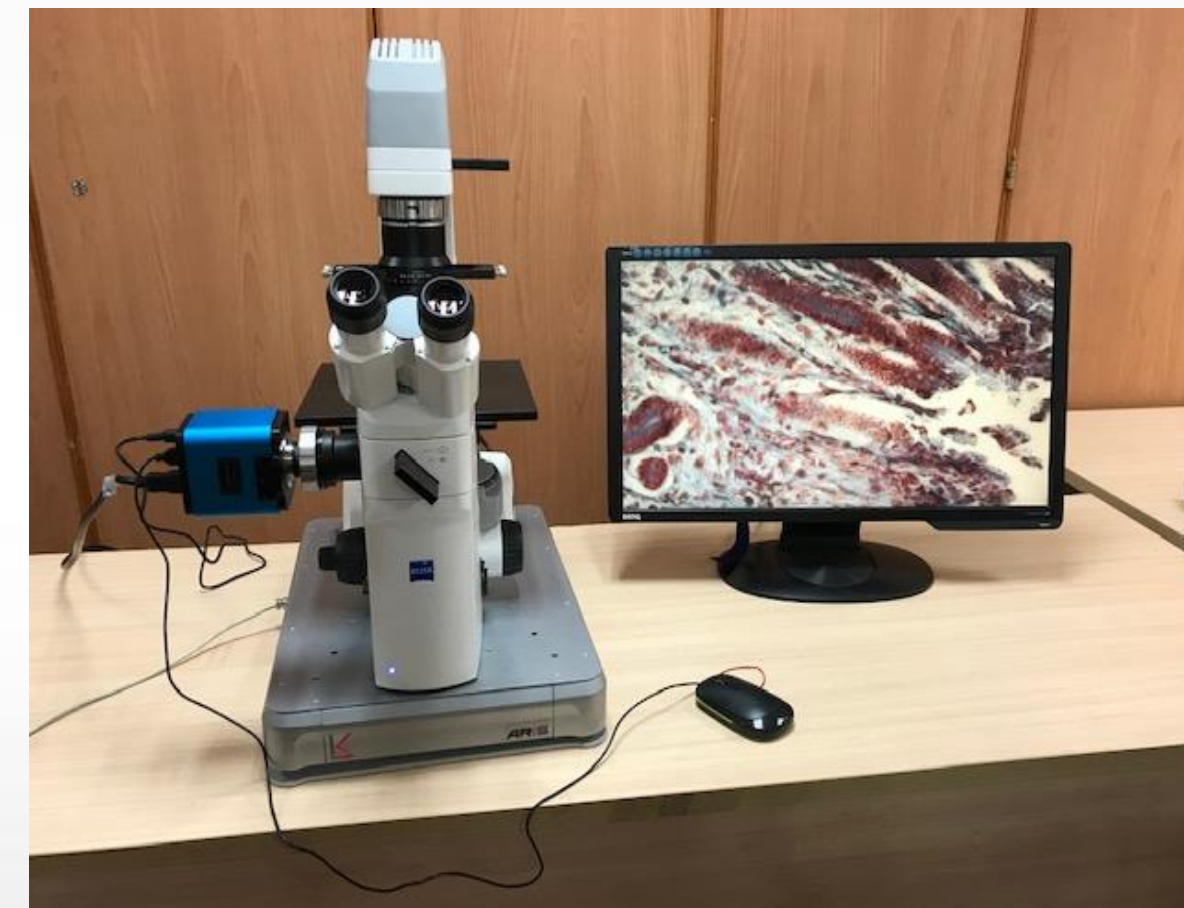
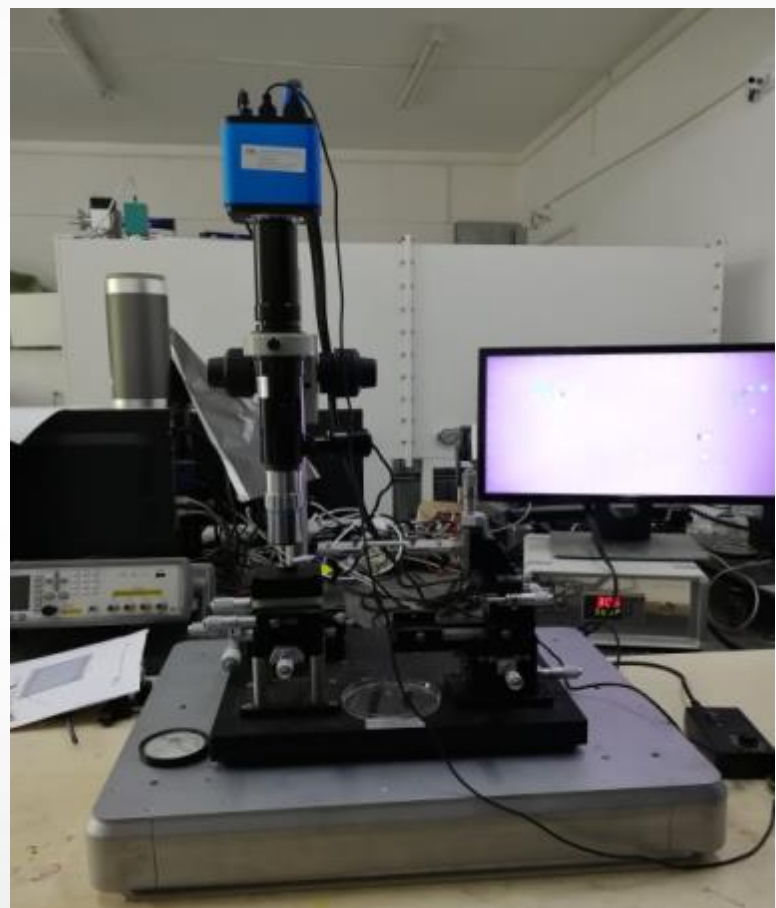
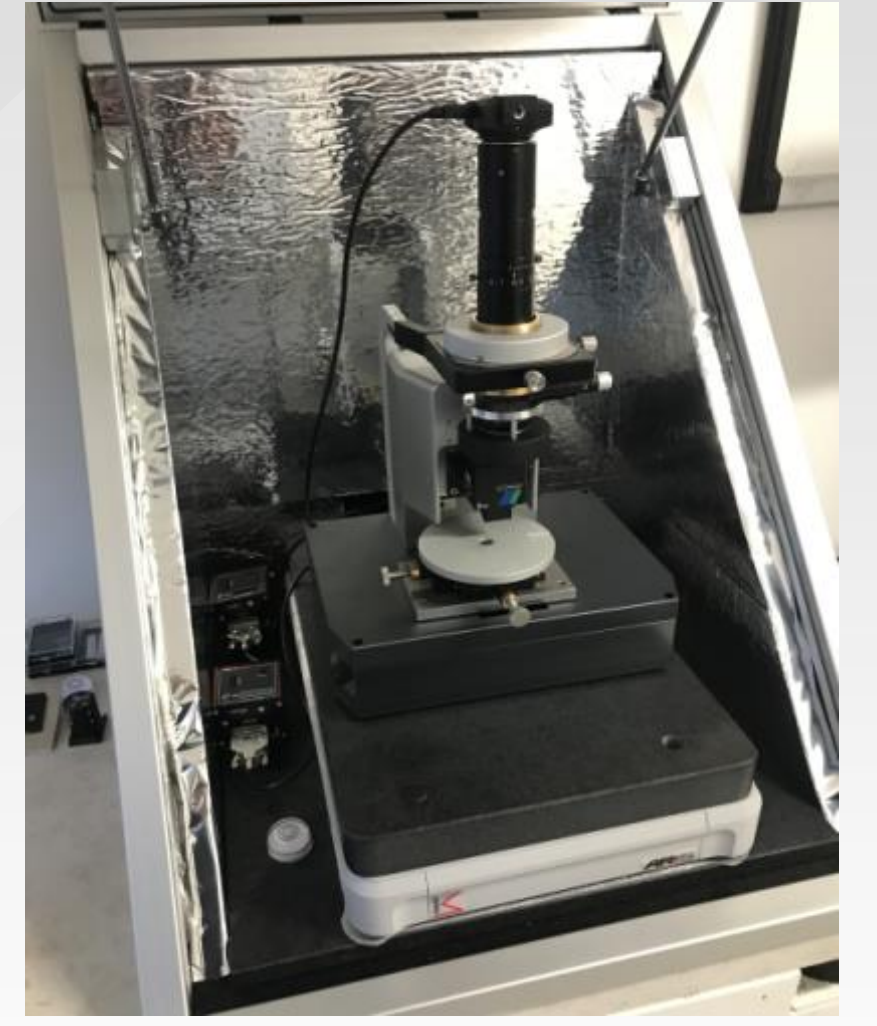
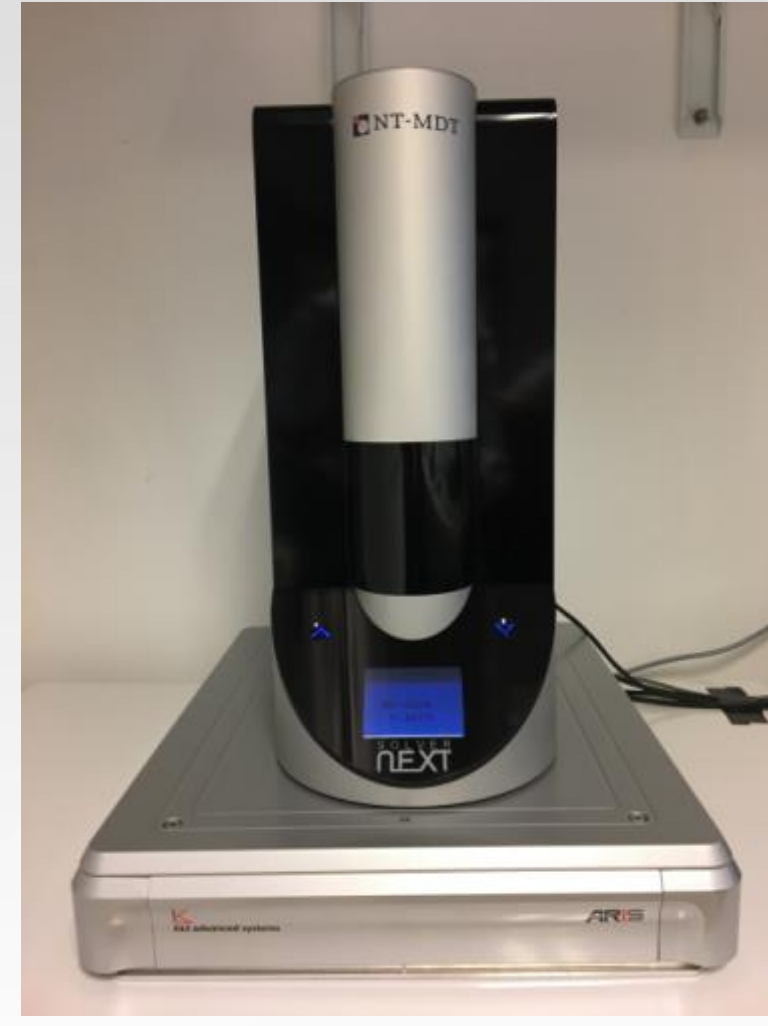
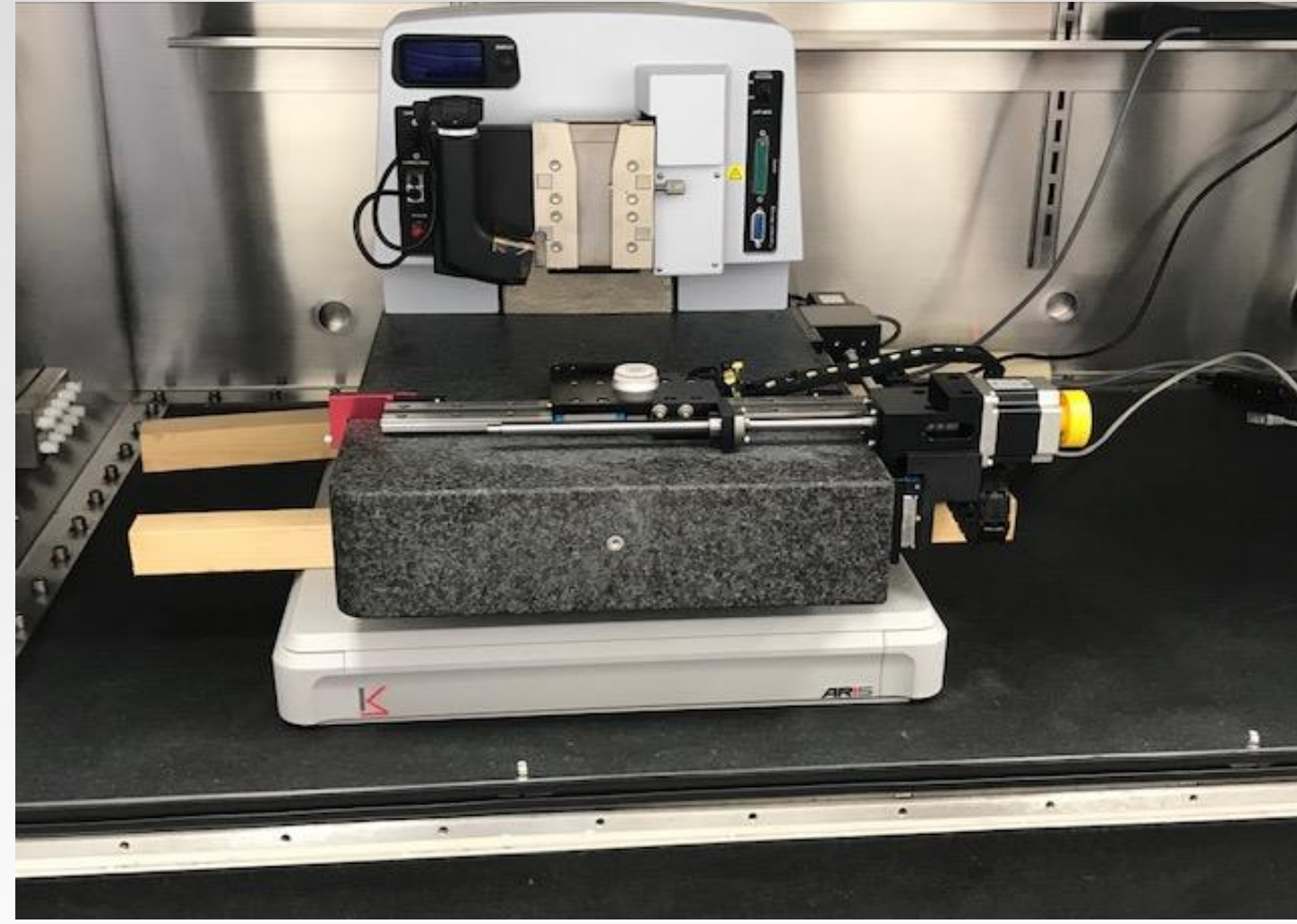
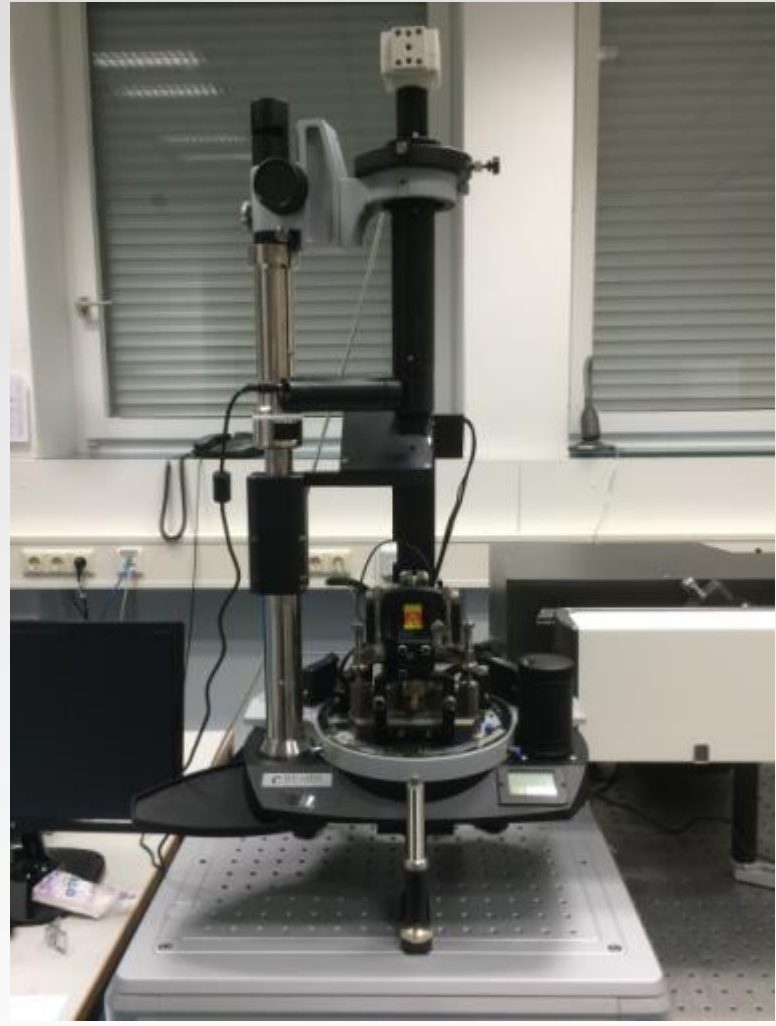
K Installation Examples – Integrated Solutions



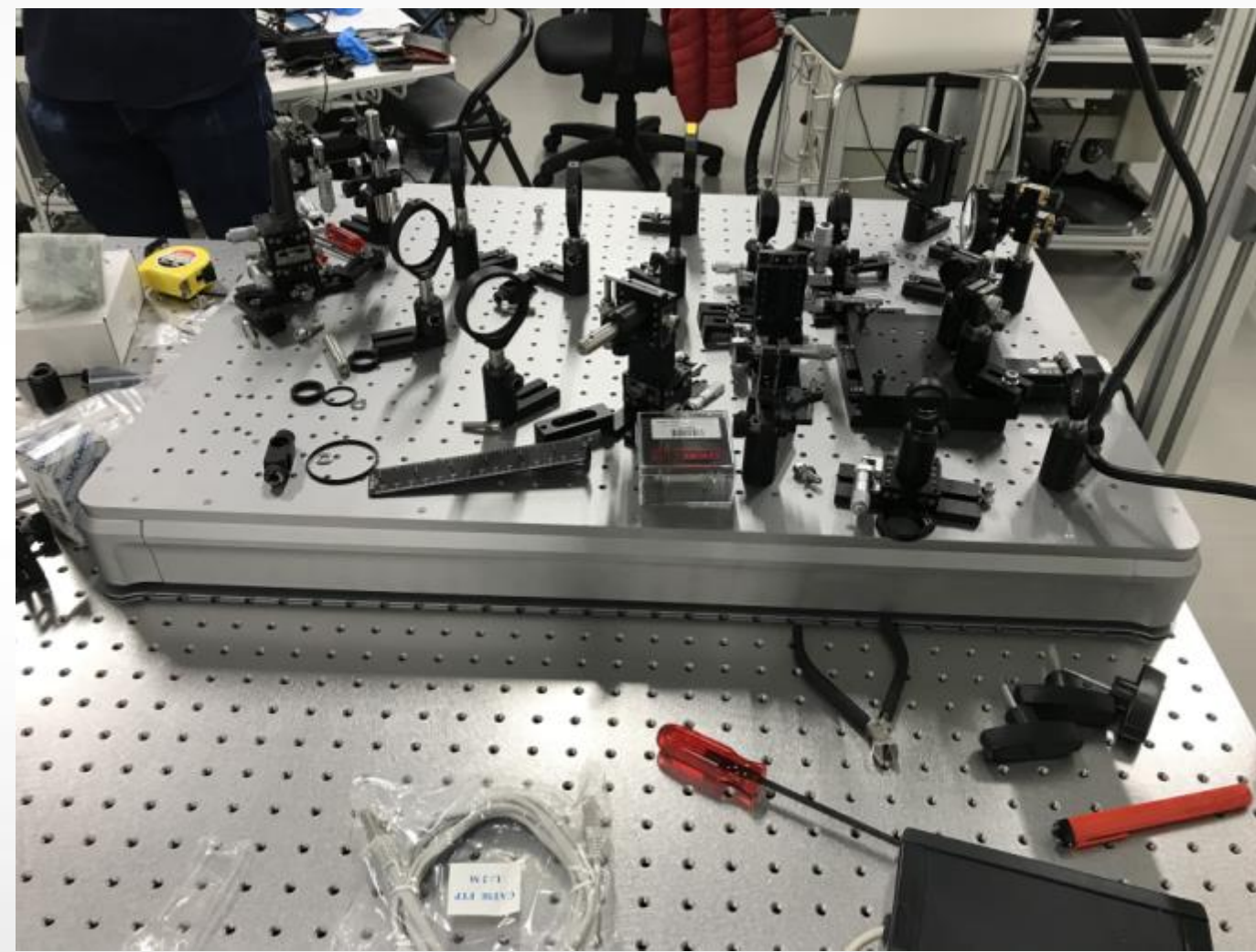
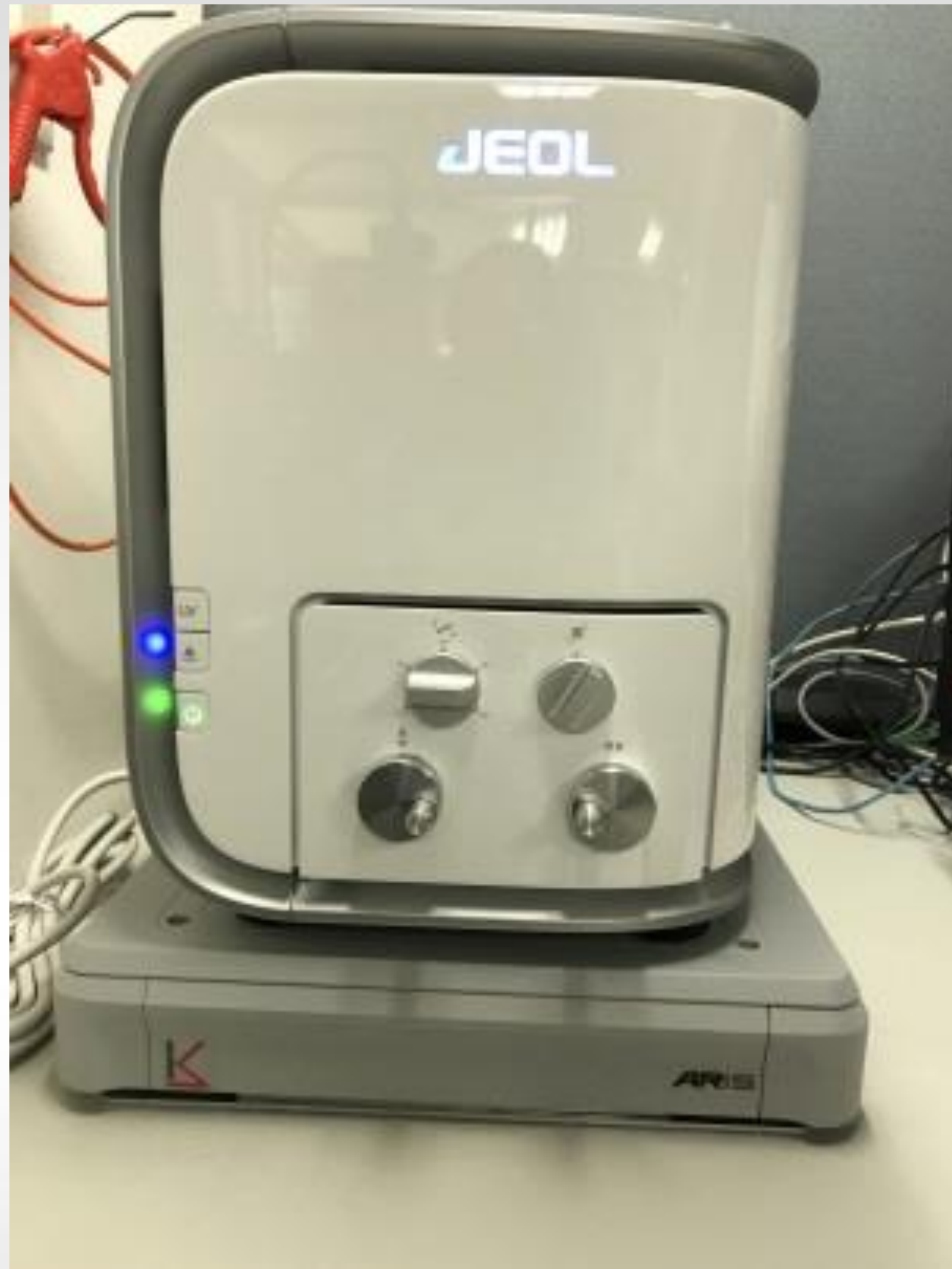
K Installation Examples – IVF



K Installation Examples – AFM and Inverted Microscopes



K Installation Examples – Desktop SEM's and Photonics





Key Features

- **Performance**
 - 6 degrees of freedom
 - Active gain starting from 0.5Hz
 - Decoupled architecture (patent pending)
 - Variable Damping (patent pending)
 - Build In Artificial Intelligence Feature
- **Small Size, elegant design, low weight.**
- **No piezo electric elements in use**
 - Practically unlimited life time for sensors and motors, using by K&S systems
 - Significantly lower life time cost
- **Easy installation for heavy tools – no need for lifting tools and heavy construction.**
- **Capabilities**
 - Higher Actuators stroke
 - Adjustable by software active bandwidth
 - Remote control
- **Built in real time diagnostic tools**
 - Spectrum analyzer
 - Oscilloscope
- **Highly Tunable Vibration Isolation Control – the systems can be configured to challengeable environmental conditions**
- **Customizable due to flexible internal architecture**



Advanced Vibration Isolation

Thank you