

Rigaku Service Training

Learn to maintain your Rigaku instrument with confidence.

You will learn how to perform basic maintenance confidently through hands-on training, guided in person by Rigaku service experts.

You will:

- Perform real, instrument-specific maintenance tasks yourself
- Learn directly from Rigaku engineers
- Receive tools and procedures

Take this training if:

- You have a capable in-house engineer or strong technical staff
- You want to handle **routine, basic maintenance** in-house
- You need to reduce basic maintenance service calls where appropriate
- You want hands-on experience to perform basic maintenance confidently

Training format:

In-person, hands-on, instructor-led by Rigaku

Typical duration: **3 days**

[Get a quote or ask a question](#)

Training provides in-depth, hands-on instruction in user-level maintenance and system care. Advanced maintenance and repairs are performed by trained Rigaku service engineers.



What is included in the SmartLab training:

- Safety practices overview
- Required tools and supplies
- Pre-maintenance instrument health checks
- Utility power checks
- Cooling water service
- X-ray source service (filament and cathode assembly for 9 kW systems)
- HV cable service
- Slit cleaning and lubrication
- Goniometer inspection, cleaning, and lubrication
- Post-maintenance optics alignment (e.g., mirror, PB, BB)
- Detector checks
- Angle accuracy checks
- Basic troubleshooting techniques
- Maintenance documentation and records