XtaLAB mini™ II specifications

Fully featured benchtop single crystal X-ray diffractometer

- Robust, simple design
- Intuitive software, ideal to support non-expert users
- Latest technology Hybrid Photon Counting X-ray detector
- Exceptional data quality - ready-to-publish structures exceed IUCr publication standards

Install it anywhere

- Standard AC power required - anywhere in the world
- Very small footprint - 560 mm (W) × 395 mm (D) × 674 mm (H) and ~ 100 kg weight
- Extremely safe design - no possibility of accidental exposure; shutter interlock linked to cabinet door

Accessible to all

- Auto mode allows all steps from data collection to a complete structure report from only an input chemical formula
- Automatic intelligent space group determination
- Complete handling of twins available
- Numerical absorption correction available

Exceptional data quality

- SHINE optic - comparable data quality and data collection to conventional system with 1/4 of the power use (600 W)
- New HPC detector - newly developed for XtaLAB mini II
- Low temperature device compatible and available