

Chair of Inorganic Chemistry I – Equipment X-ray diffraction Professor Dr. Josef Breu

Equipment	Type	Characteristics	Advisor
Single-crystal diffractometer	STOE IPDS I	temperature range: -160°C bis +300°C	Dr. Milius
Single-crystal diffractometer	STOE IPDS II	temperature range: -160°C bis +190°C	Dr. Milius
Powder diffractometer	STOE STADI P	transmission geometry Autosampler temperature range: down to -160°C	Dr. Milius
Powder diffractometer	PANalytical XPert Pro	Bragg-Brentano geometry reaction chamber (up to 900°C) temperature humidity chamber (10% - 90% rH)	Dr. Milius