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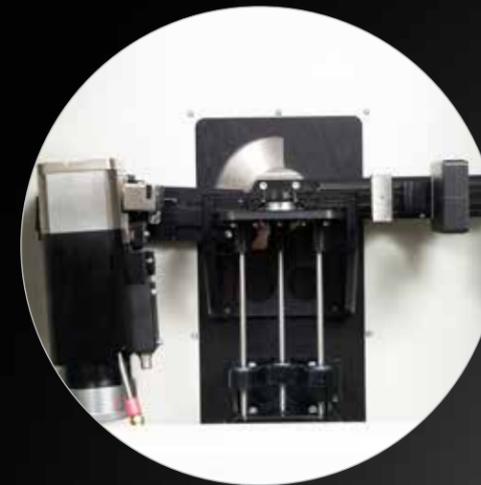
EUROPE

METLAB
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Geometry	Vertical Parafocusing Theta/Theta
Goniometer Radius	200 mm
Max. usable angular range	-4 ... 150 deg 2Theta
Scanning Speed	0.0001° ~ 100°/min (2Theta)
Max Motor Speed	1000°/min
Motor Step Resolution	0.0001°
Accuracy	< ± 0.02° 2Theta
Slits	Divergence slits, Anti-scatter slits, Soller slits, Receiving slits, multi-layer optics (parallel beam, focusing beam)
Achievable peak width	< 0.04° 2Theta
X-ray Tube	Standard: 1500W fine-focus Cu ceramic x-ray tube, optional Anodes: Cr, Co, Mo
X-ray tube cooling	Internal water cooling radiator and tank
X-ray Power Supply	1200W
Detectors	Hybrid Photon Counting Detector Si Point Detector
Standards and Safety	Compliant with CE, ANSI N43.2, Interlocked enclosure door for auto x-ray off.
Sample Holders	Single, Bulk sample, Rotation, 6-sample changer
Non-ambient Stages	Temperature, Pressure, Humidity
Dimensions (W x D x H)	171 x 100 x 61 cm (67.5" x 37.6" x 24") H x W x D)
Weight	200 kg (440 lbs)
Power Requirements	200-240 VAC, 50/60 Hz, 10 A, Single Phase (NEMA L6-30P)

AXRD[®] THETA-THETA

Powder X-ray Diffractometer



IMPROVE
YOUR
SCIENCE™

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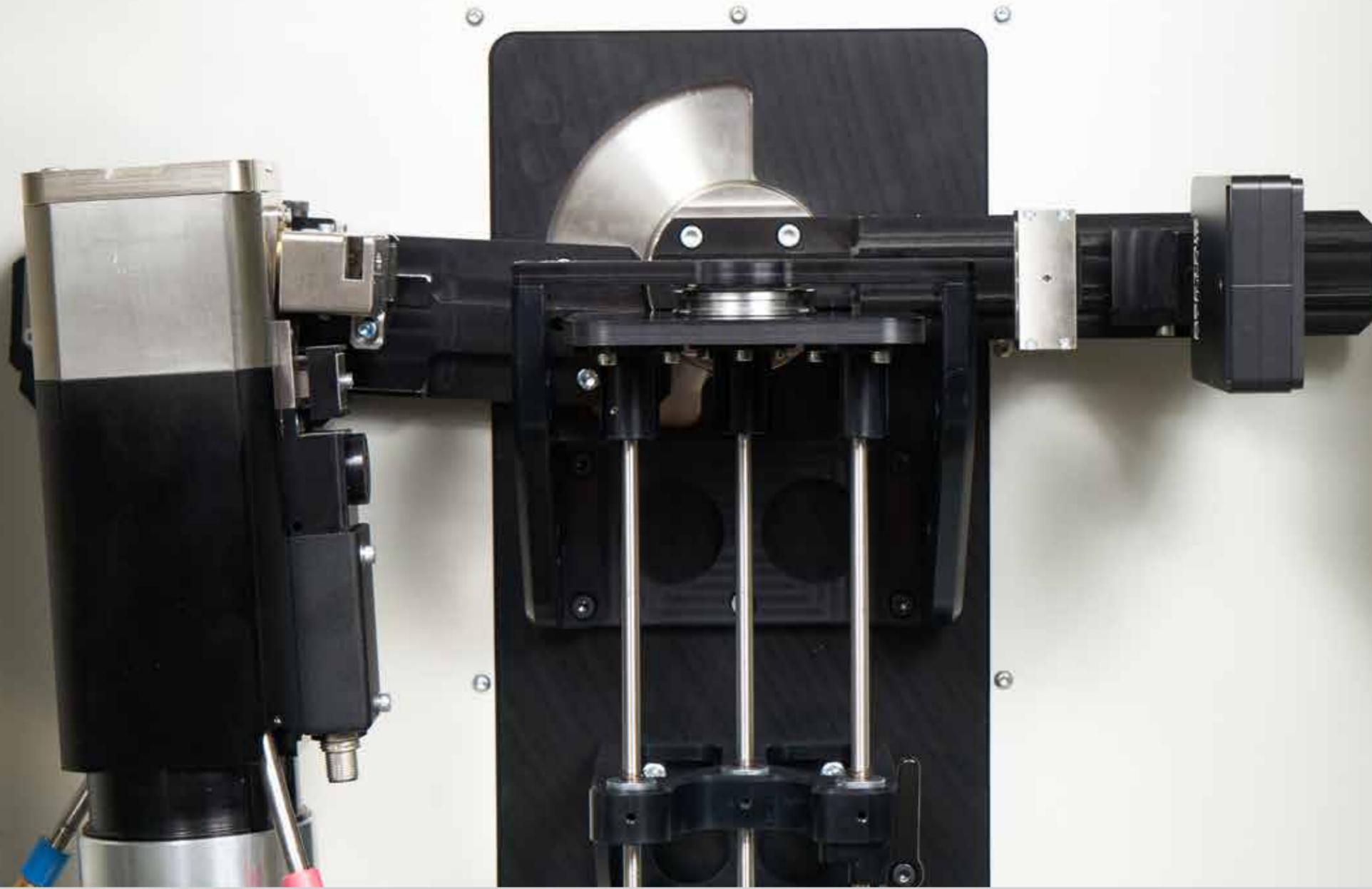
X-ray Diffraction
Systems & Services

PROTO

AXRD THETA-THETA

Non-ambient diffraction in a compact footprint.

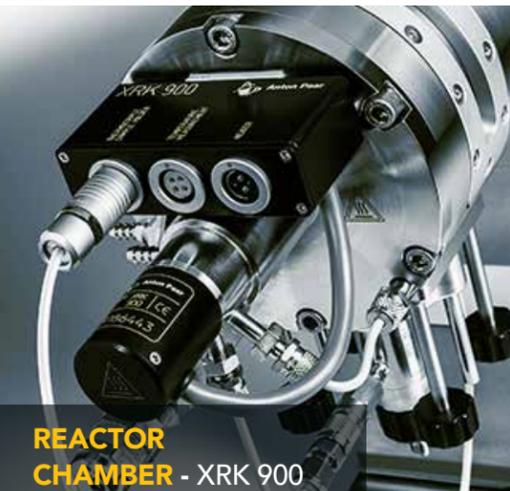
The all-new AXRD Theta-Theta has been designed to handle larger samples, or when more room is needed for experimental stages, such as temperature stages or pressure cells. The FlexStage option makes mounting large samples easy, while the fully integrated cooling system keeps facility requirements to a minimum.



LOW TEMPERATURE CHAMBER - TTK600



COMPACT HEATING STAGES - BTS150 / BTS500



REACTOR CHAMBER - XRK 900



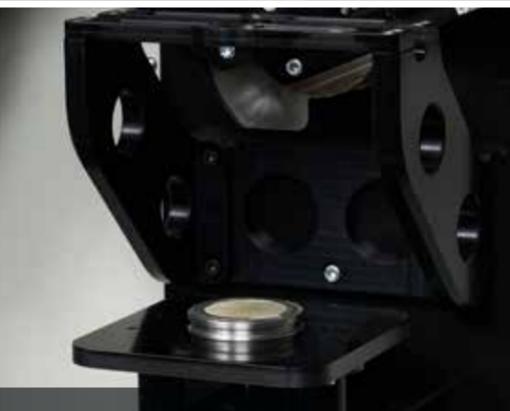
HIGH-TEMPERATURE OVEN CHAMBER - HTK 1200N



VARIABLE PRESSURE STAGE - PS30



HIGH-TEMPERATURE STRIP HEATER CHAMBERS - HTK 16N / HTK 2000N



LARGE SAMPLE STAGE - FLEXSTAGE



CUSTOM STAGES & HOLDERS