

## CheXray Instrumentation

### Rigaku XtaLab P200 (ChexTWOFACE: RUA #1082)

X-ray Source: MicroMax 007HF Dual Rotating Anode (Cu/Mo-K $\alpha$  radiation)

Goniostat: 4-circle Kappa Geometry

Detector: Pilatus3 R 200K-A Shutterless Detector

Low Temperature Device: Oxford Cryostream 700 (90-293 K; 0.1 K resolution)

### Sample Recommendations:

Organic, organometallic and protein crystals – ideal for absolute stereochemistry determinations or high-resolution studies. Face indexing available.

Crystal size: 10-100 microns

### Rigaku Miniflex 6G Benchtop Powder XRD (ChexFLEX: RUA #2172)

X-ray Source: Sealed Source Tube (Cu-K $\alpha$  Radiation)

Goniostat:  $\theta/2\theta$  System

Detector: HyPix-400MF Hybrid Pixel Array 0D/1D/2D Detector

Low Temperature Device: None

High Temperature Device: Anton Paar BTS 500 Heating Stage (RT – 500 °C)

### Sample Recommendations:

Powders and other materials for general Powder XRD studies.