



Make: PANalytical, Netherlands
Model: PW3040/60 X'pert PRO
Source: X-ray tube 3 kW with copper target
Detector: Real time multiple strip solid state detectors fitted with graphite Crystal for K beta filtering
Goniometer: Single vertical circle
Resolution: 0.001°
Software: Hi-Score search-match software, X'Pert Plus crystallographic analysis software with Rietveld capability, ProFit line profile analysis software

Attachments:

- Sample spinner
- Zero background sample holder
- Particle size distribution analyzer
- Thin film attachment
- Variable temperature accessory (up to 1600°C)

Type of samples: Powders, plates and coatings