

Non-ambient powder XRD



Brand/model: PANalytical X'Pert Powder

This non-ambient powder diffractometer is equipped with a high temperature oven chamber (Anton Paar HTK 1200N) as well as with an Oxford Cryostat, which enable *in situ* X-ray powder diffraction measurements of polycrystalline samples at high temperature up to 1000 °C or low temperatures down to ca. 10 K under controlled atmosphere (vacuum or specific light inert gas).