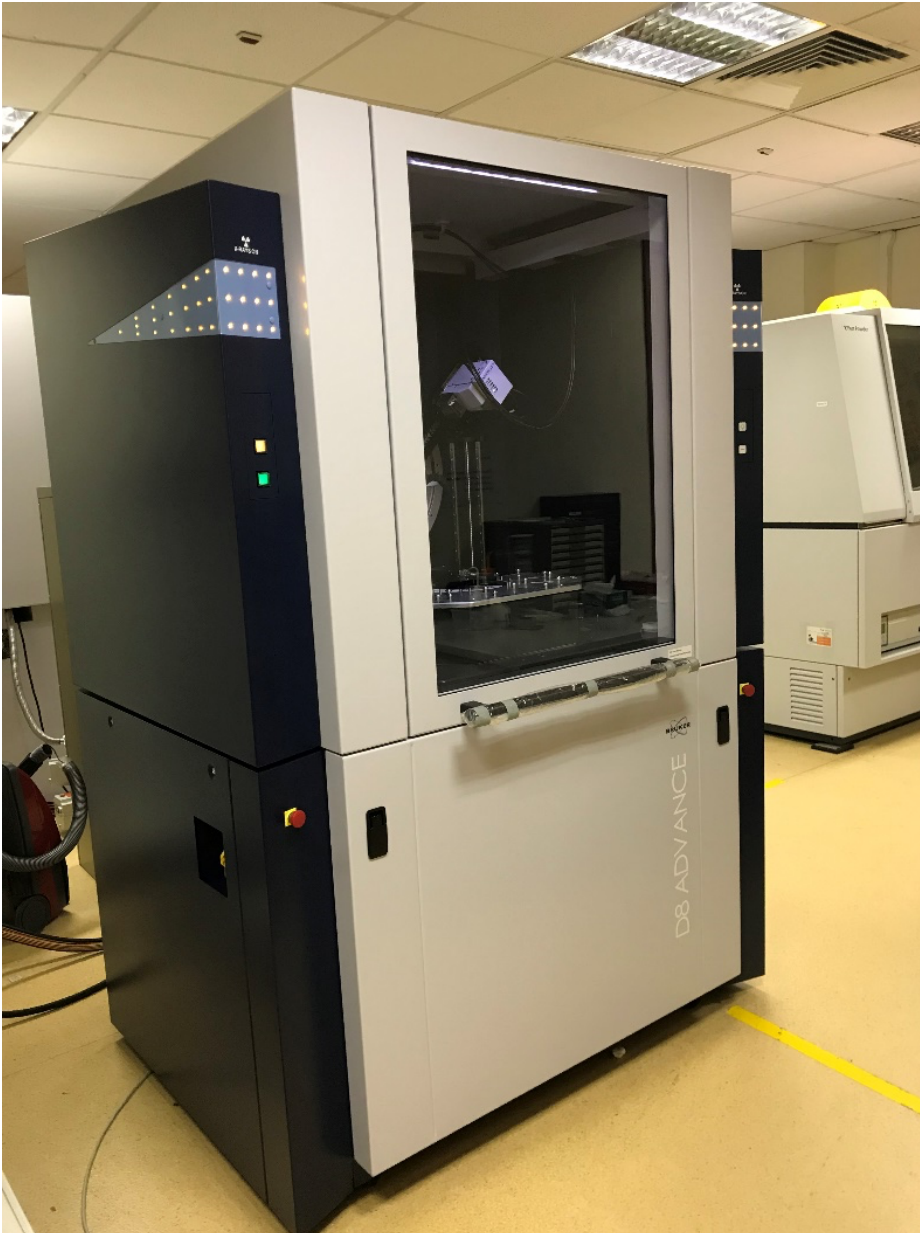


## Powder XRD



**Brand/model: Bruker D8 Advance**

Powder XRD (X-ray diffraction) is a rapid analytical technique primarily used for phase identification of a crystalline material and can provide information on unit cell dimensions and the crystal structure. Measurements are performed in Bragg-Brentano mode in which the sample is stationary while the X-ray tube and the detector are rotated around it.

This instrument is equipped with an auto sample changer and multi-sample magazines that allow series of measurements to be executed automatically in batches.