

X- Ray Diffraction (XRD)

Make: Panalytical

Model : X-pert powder

Applications:



Powder XRD equipment can be used for the characterization of powder samples for the phase analysis, Identifying crystalline phases and orientation and crystallographic information. This equipment can also capture data from the bulk polycrystalline samples after the required sample preparation. Structural properties such as Lattice parameters, Strain, Grain size, texture and epitaxial can be determined from the data. The XRD diffraction data will be provided to the user and the user can investigate the above materials' properties by analyzing the data.

Method/Condition	Tariff for NITW Students	External Academic (18 % GST Extra)	Industry (18 % GST Extra)
	Per Hour	Per Hour	Per Hour
	₹ 150	₹ 600	₹ 1200