



Xray Diffractometer (XRD)



The XRD is for examining the physio-chemical make-up of unknown solids. It is used to quantify both the chemical and mineral compositions of materials, such as industrial hazardous waste as well as treated products. It can perform a full range of applications, from qualitative and quantitative phase identification to crystal structure solution of powder samples, crystallite size determination, micro strain analysis, residual stress analysis, and preferred orientation.

Equipped with a 6-position sample changer, sample holders are available for every specimen type.

The lab is also equipped with the data analysis software and database i.e. TOPAS and EVA.

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Usage Rate: [Key Equipment Charges For CESEL.xlsx](#)