

**Product Name :**

XRD Machine

**Product Code :**

EEMTL71M0005

**Description :**

XRD Machine

**Technical Specification :**

- Type: sealed
- Anode: Cu

**X-Ray generator**

- Generator output power: 3KW
- Tube voltage setting: 20-60KV
- Tube current setting: 2-80mA

**Goniomete**

- Radius: minimum 200mm

- Minimum step angle: 0.0001°
- Scan range: -6 to 82°
- Filter: Ni

### **Case**

- Observation window: Lead contained transparent acryl plate min 8mm thick.

### **Standard Accessories**

- Sample holders for powder
- Setting jig
- Absorber
- Standard sample
- Case for attachment

### **Data Processing**

- This is used to control the XRD system and collect measurement data as well as analyze data by various forms of data processing Hardware system
- PC/AT compatible machine
- CRT 17 " 1280x1024 color
- Color printer
- Control software
- **Data processing software for:-**
  - File management, conversion from XRD to ASCII data and back
  - Basic data processing; smoothing, subtraction of background, peak search, system error correction, calculation of integrated intensity, etc.

- Qualitative analysis; Automatic search and match using ICDD data base
- Quantitative analysis: generation of working curve, calculation for unknown samples
- Graphic display: vertical display, horizontal display, superpose (3D) , log scale.



## Equipments Exporters

**Website:** [www.equipmentsexporters.com](http://www.equipmentsexporters.com), **Email:** [sales@equipmentsexporters.com](mailto:sales@equipmentsexporters.com)

**Address:** 75, Lajpat Nagar-IV, New Delhi-110024 **Phone:** +91-9311469084