



**INDIAN INSTITUTE OF TECHNOLOGY BOMBAY**  
**MATERIALS MANAGEMENT DIVISION**  
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**Technical specification for Spare parts of “X’Pert Pro X-Ray  
Diffractometer Console**

1. CPU2000 PR. CIRCUIT (01 nos.)  
It is used to communicate between instrument and external PC. It also acts as main board of communication between internal other electronic boards.
2. Empryan X-RAY Tube (01nos.)  
This X-RAY Tube is used with our X-RAY Diffractometer.
3. HV Cable (01 nos.)  
It is a connecting cable used for connection between X’ray Tube and HV Generator which transfers high voltage generated by HV generator to X’ray tube.
4. Silicone Paste AP 20mg (01 nos.)  
This is Silicone Paste tube used to be applied on HV cable as a insulation.