

Electron Paramagnetic Resonance (EPR) (X-band and Q-band)

Electron paramagnetic resonance is an excellent tool to understand the electronic structure of the paramagnetic complexes.

Make and Model:

Bruker EMX Plus series (Germany)

Specification/ Features:

- Equipped with
 - X-band
 - Q-band
- Measurement can be performed in a single crystal
- Magnetic field sweep is possible from 100 mG to the maximum field depends upon the band (X/Q) selected.
- Variable temperature measurements can be performed (4K – 300 K)



Available mode of use:

- Solid (both powder and single crystals)
- Liquids

Whether the facility is open to external users: Yes

Location:

Ground Floor (Behind the security office, adjacent to the chemistry building)

Department: Department of Chemistry

Contact details: 022-25764132

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