



Sonel BT-120

Battery tester

Application

Diagnostics of battery packs or battery cells the life of electric cars.



Sonel EVSE-100

Multifunctional Analyser for AC Vehicle Charging Stations

BIS Standards Compliance

- Simulation of Charging Modes, Communication, PP Cable Parameters and CP Circuit Faults
- BIS and IEC standards, including IS 17017-1, IS 17017-2-2, IEC 61851-1, and IEC 62196



Sonel MPI-540

The MPI series comprises multifunctional electrical parameter meters designed for checking domestic and industrial systems.



EVSE-01 Adapter

The adapter for the MPI series meters allows measurements of AC charging stations with a type 2 connector, with a socket and a fixed charging cable. Tests are available for 1- and 3-phase stations - both with and without ventilation.



PQM Series – PQM 750

Advanced meters for monitoring voltage stability, harmonics, and power disturbances in electrical grids and EV charging stations.

BIS Standards Compliance

- IS 17017-21:2019 – Defines power quality requirements for EV charging stations.
- IS 13234:1992 – Covers power quality and harmonic limits in electrical networks.
- IEC 61000-4-30 – Used for power quality measurements (Class A & Class S devices).



MIC-15K1

Insulation Quality Analyzer

Insulation resistance measurement ensuring safety in EV chargers, transformers, and switchgear.

BIS Standards Compliance

- IS 2993:1998 – Covers insulation resistance testers' specifications.
- IS 732:2019 – Electrical wiring regulations, including insulation resistance requirements.
- IS 9000 (Part 3, Section 5) – Covers insulation resistance tests for electrical components.