



Features

- Fully controllable
- Provision for external sensors
- Heater protection facility
- RS-232 / USB interface facility
- Based on Kanthal heating element



Technical Specifications

Temperature range	:	Room temperature to 1000°C
Temperature Accuracy	:	± 3%
Heat-up time (mins)	:	90
Weight	:	14Kg. (Approx.)
Configuration Floor-standing Max power (W)	:	1500
Thermocouple	:	K Type
Operation Environment:		
Operating Temperature	:	5°C to 45°C.
Humidity	:	90% @ 45°C.
Mechanical Dimension		
Dimensions(in mm)	:	440(L) x 255(W) x 290 (H) Approx.
Pot	:	Depth 180mm X Dia 65mm
Weight	:	14Kg. Approx.



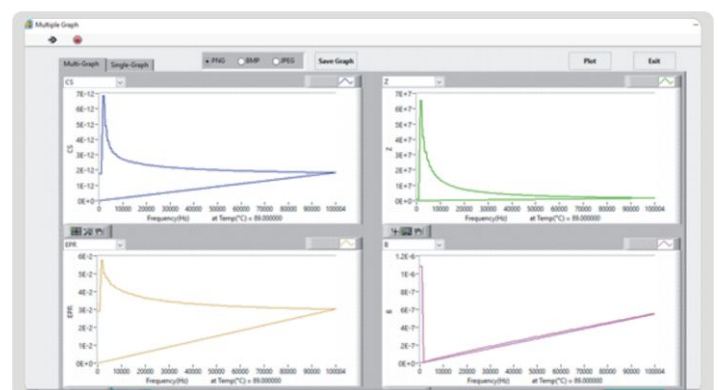
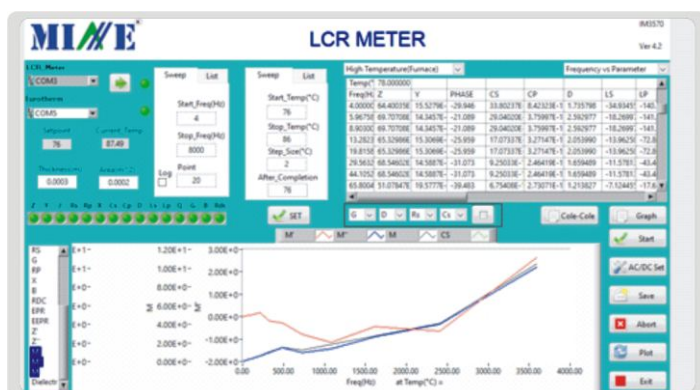
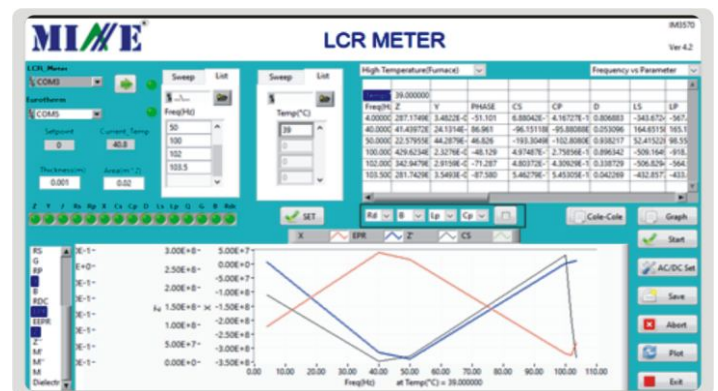
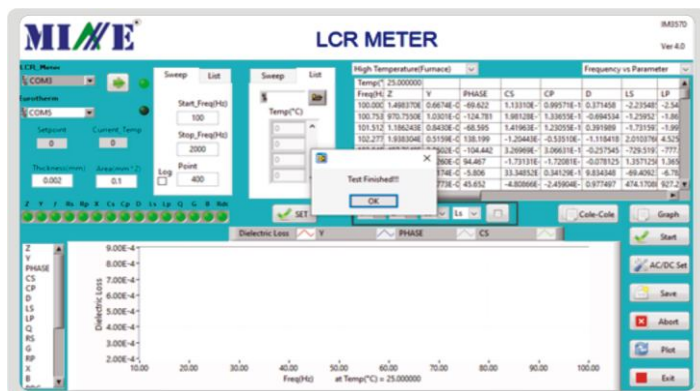
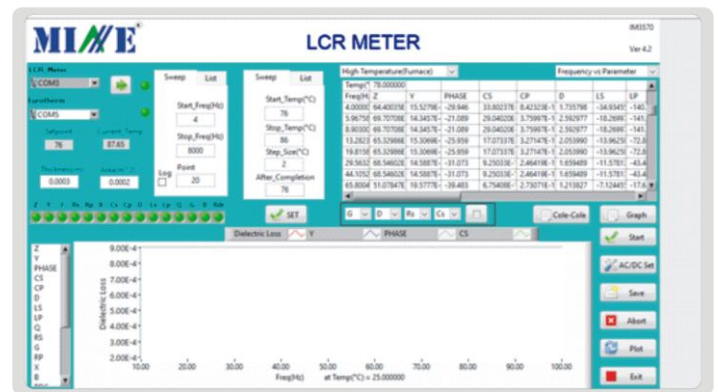
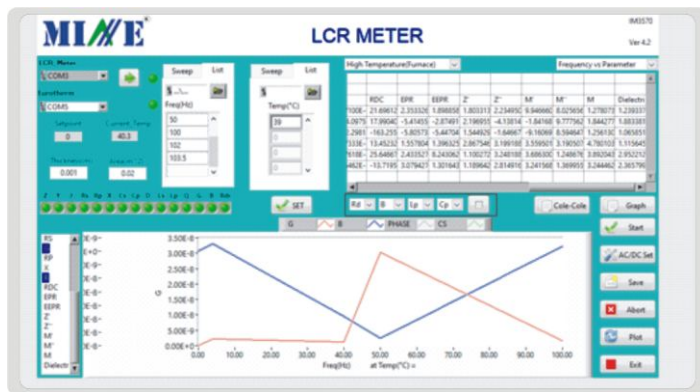
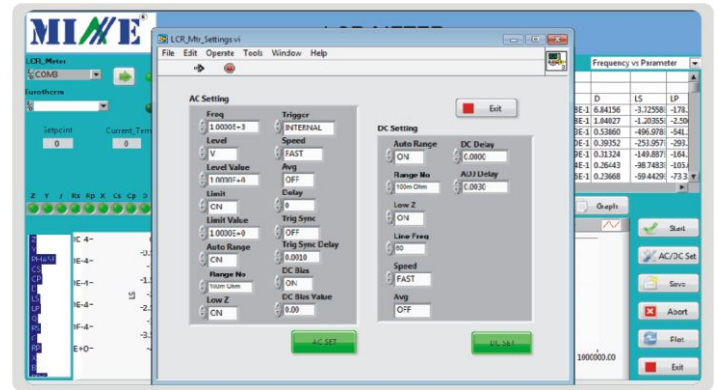
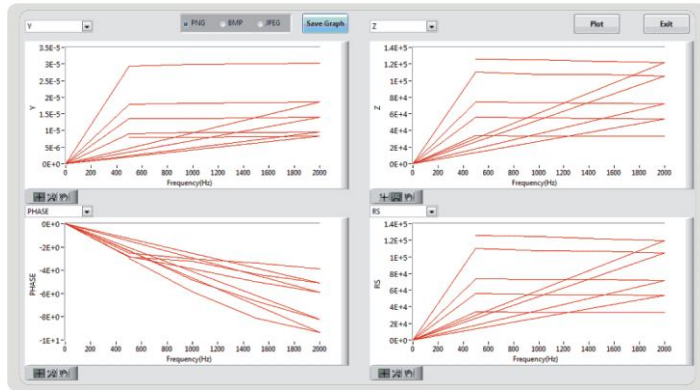
Learning's

- Parameter over a frequency range at fixed temperature.
- Parameter over a temperature range at fixed frequency.
- Dielectric constant over a frequency range at fixed temperature.
- Dielectric constant over a temperature range at fixed frequency.
- Modulus over a frequency range at fixed temperature.
- Modulus over a temperature range at fixed frequency.
- Z Plot over a frequency range at fixed temperature.
- Z Plot over a temperature range at fixed frequency.
- Epsilon prime v/s epsilon double prime over a frequency range at fixed temperature over a temperature range at fixed frequency.

Application

- Material Science Lab/ Dielectric-Measurement/Electrical Characterization.

Software windows



Standard Accessories

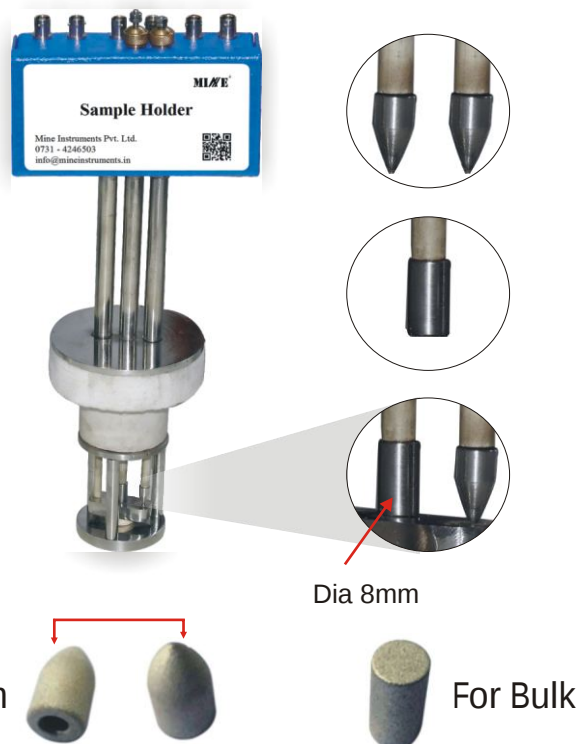
- Single User Software License for Operating Furnace using LCR Meter
- Mains Cord
- RS232 USB Cable

Optional



For Bulk

MI-F1000S
Bulk (Pellet) Sample Holder



For Thin film

MI-F1000S-1
Bulk (Pellet) & Thin film Sample Holder

Optional Accessories

- Bulk (Pellet) Sample Holder MI-F1000S
- Sample (Thin Film & Pellet) Holder MI-F1000S-1
- Bulk (Pellet) Sample Holder with Platinum Plating MI-F1000P
- Sample (Thin Film & Pellet) Holder with Platinum Plating MI-F1000P-1
- BNC (M) to BNC (M), RG174 cable, length 1 meter-4nos



BNC Cable

Mine Instruments Pvt. Ltd. An ISO 9001:2015 Certified Company

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