

Measures resistivity in a low resistance range with a 4-pin probe.

LORESTA-EP

Low Resistivity Meter (Measurement Range 10^{-2} - $10^6 \Omega$)

MITSUBISHI
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Mitsubishi Chemical
Group

Loresta-EP (MCP-T360) Measuring Instrument/Resistivity Meter

The Loresta-EP handheld unit measures resistivity in a low resistance range with a variety of probes. Measurements are always accurate and very consistent. Features include the patented 4-pin probe technology and data memory.



Standard Accessories



ASP Probe
MCP-TP03P



AC adapter
MCP-TA05



Uses

Production Engineering, Quality Control.

Application

Conductive paint, conductive paste, conductive plastics, conductive rubber, conductive films, metallic thin films, antistatic materials, EMI shield materials, conductive fiber, conductive ceramics, etc.

Features

Resistivity meters

- Handheld, light body
- Portable
- Large LCD enables simple and easy operation
- Accurate and consistent measurements

MCP probes

- One-touch measurement
- Constant extrusion pressure, inter-pin distance
- Contact resistance and lead wire resistance are excluded



Use the probe checker to inspect probe connection.



Put the probe perpendicular to the sample.

Specification

Method of Measurement	4-Pin probe, constant-current method								
Measurement range	10 ⁻²	10 ⁻¹	10 ⁰	10 ¹	10 ²	10 ³	10 ⁴	10 ⁵	10 ⁶
Supplied current	100mA		10mA		1mA		100 μA	10 μA	1 μA
Measurement trueness (± % of reading± digits)	±1.0% ±20dgt	±1.0% ±5dgt	±0.5% ±5dgt	±0.5% ±3dgt					±2.0% ±5dgt
Display	LCD								
Power	DC6.5V, 350mA								
4-pin Probe	MCP probe (ASP, ESP, PSP, BSP, QPP, TFP types)								
Data output	RS232C								
Dimensions, Weight	W100×D230×H45 mm, 500g								
Standard accessories	ASP probe : MCP-TP03P (4pins, inter-pin distance 5mm, pin points 0.37 R) AC adapter:MCP-TA05(DC6.5V, 350mA rechargeable battery)								

Optional Probes



For non-uniform samples. Inter-pin distance 5mm, pin points $\phi 2$, spring pressure 240g/pin. MCP-TP08P.



For small samples. Inter-pin distance 1.5mm, pin points 0.26R, spring pressure 70g/pin. MCP-TP06P



For minute samples. Square type. Inter-pin distance 1.5mm, pin points 0.26R, spring pressure 70g/pin. MCP-TPQPP



For large samples. Inter-pin distance 2.2mm, pin points 0.37R, spring pressure 210g/pin. MCP-TP05P



For thin films. Inter-pin distance 1.0mm, pin points 0.15R, spring pressure 50g/pin. MCP-TFP



For ASP,ESP Probe MCP-TRF1

Note :

Follow the instructions in the manual to correctly install, connect and operate the instruments.

Contents of the catalogue are subject to change without prior notice when improvement are made in the performance.

The actual colors of the machine may appear different from colors printed in the catalogue.

MITSUBISHI CHEMICAL ANALYTECH CO., LTD.
Instruments Division

370 Enzo, Chigasaki-shi, Kanagawa 253-0084, Japan.
Tel : +81-467-86-3864 Fax: +81-467-86-3862
URL: <http://www.mccat.co.jp/>