Loresta-FX MCP-T380 | Portable Resistivity Meter with Universal Design.

Loresta-FX

Mesuring range 10^{-2}～$10^{6}\Omega$

Easy operation. Clear display design. Comprehensible low resistivity measurement.

- *Just touch START for automatic measurement.*
- *4 x AA NiMH (high capacity) rechargeable battery is usable along with AC adaptor.*
- *Data Logger Software (optional)*

Standard equipment

●ASR Probe RMH501

●AC Adaptar RMJ901

Nittoseiko Analytech Co.,Ltd.

Loresta-FX

(MCP-T380)

■4 Pin Method Handy type Low Resistivity meter
■One touch operation by using dedicated probe

4 Terminal 4 Pin Method

- The contact resistance between sample and probe is excluded. Accurate measurement is realized by this method.
- Pin pressure, pin interval and pin diameter are maintained constant by using the dedicated probe which adopted the springcontact mechanism.

Application

■Process Control ■Quality Control

Main Samples

- Conductive Paint, Conductive Ink, Conductive Paste, Conductive Plastic, Conductive Rubber
- Conductive Films, Transparent Conductive Films, ITO Glass, Aluminum Plating Layer, Zinc Flashing, Antistatic Material, EMI Shielding Material, Conductive Fabric, Conductive Ceramic.
- Plated Material, Magnesium Alloy, Zinc Plated Steel Plate.

Features

- By setting timer in the Auto-hold mode assures reliable measurement.
- In addition to the standard AC adapter, 4 x AA size (high capacity) rechargeable NiMH batteries enable heavy use.
- Data Logger Software (optional) is available to output measurement data to PC directly.

Specification

- Method/4 Terminal 4 Pin Method. (No RCF Function)
- Display / LCD
- Range / 10^{-2}～$10^{6}\Omega$
- Range Switching / Automatic (Auto Hold, Auto Range) Manual (Manual Range): Setting by Step Up and Down.
- Power Source / Exclusive AC adapter (AC90～264V, 47～63Hz / Ni-MH battery)
- Probes / Exclusive: ASR, ESR, LSR, PSR, BSR, AR, BR
- Dimention & Weight / 228(L) X 85(W) X 65(H)mm, approx. 350g
- Standard Set / ASR Probe / RMH501 (4 pin linear type) Pin interval : 5 mm, Pin Top 0.37R, Beryllium / Copper Alloy., Exclusive AC adapter.

●Check the probe by probe checker.

Range [Ω]	10^{-2}	10^{-1}	10^{0}	10^{1}	10^{2}	10^{3}	10^{4}	10^{5}	10^{6}
Supply Voltage	100mA		10mA		1mA		100μA	10μA	1μA
Accuracy (±% of reading ±digits)	±1.0% ±20dgt	±1.0% ±5dgt	±0.5% ±5dgt	±0.5% ±3dgt					±2.0% ±5dgt

Options *Probes for Loresta AX cannot be connected to Loresta FX

4 Pin Probes

●ASR

RMH501
Standard, Pin Interval 5mm
Pin Top 0.37R x 4 pins
Pushing Pressure 220g/Pin

●ESR

RMH502
For non homogeneous samples
Pin Interval 5mm
Pin Top Φ2 x 4 pins
Pushing Pressure 230g/Pin

●LSR

RMH503
For soft surface samples
Pin Interval 5mm
Pin Top Hemisphere Φ2 x 4 pins
Pushing Pressure 140g/Pin

●PSR

RMH504
For small samples
Pin Interval 1.5mm
Pin Top 0.26R x 4 pins
Pushing Pressure 95g/Pin

●BSR

RMH506
Resistance by 2 parts: Each part has 2 pins
Pin interval 2.5mm
Pin top 0.37R x 4 pins
Pushing pressure 170g/Pin

2 Pin Probes

●AR

RMH508
Resistance between 2 points
Pin Interval 10mm
Top φ2 x 2 pins
Pushing Pressure 230g/Pin

●BR

RMH509
Resistance by 2 parts: Each part has a pin
Pin interval free
Pin top φ2 x 2 pins
Pushing pressure 200g/Pin

Probe Checker

●4 Pins

RMH304
Linear 4 Pins, 1Ω
for ASR, ESR, LSR Probes

●4 Pins

RMH311
Linear 4 Pins, 1Ω
for PSR probe

●2 Pins

RMH335
2 Pins, 1Ω
for AR, BR probes

Note: Follow instructions in manuals to correctly install, connect and operate the instruments. Contents of catalogues are subject to change without prior notice when improvements are made in performance.The actual color of the goods may appear different from color printed. All screen images are simulated.
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