

Loresta-FX MCP-T380

Portable Resistivity Meter
with Universal Design.

Loresta-FX Measuring range $10^{-2} \sim 10^6 \Omega$

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 Adaptor RMJ901



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 / $10^{-2} \sim 10^6 \Omega$
- 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
- Dimension & 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 $\Phi 2$ x 4 pins Pushing Pressure 230g/Pin	LSR RMH503 For soft surface samples Pin Interval 5mm Pin Top Hemisphere $\Phi 2$ 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
	AR RMH508 Resistance between 2 points Pin Interval 10mm Top $\Phi 2$ x 2 pins Pushing Pressure 230g/Pin	BR RMH509 Resistance by 2 parts: Each part has a pin Pin interval free Pin top $\Phi 2$ x 2 pins Pushing pressure 200g/Pin	Probe Checker	4 Pins RMH304 Linear 4 Pins, 1 Ω for ASR, ESR, LSR Probes	4 Pins RMH311 Linear 4 Pins, 1 Ω for PSR probe

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.
 *Company and product names contained herein are the trademarks or registered trademarks of the company concerned.



Myriad Electronic Solutions Inc. d.b.a. ES Canada
 151 W Hastings, Vancouver, BC, V6B 1H4



+1 800-495-4321



e-mail : info@es-canada.com
 Site Web : www.es-canada.com