Loresta-AX MCP-T370

Portable Resistivity Meter with Universal Design.

Loresta-AX

Mesuring range $10^{-2} \sim 10^{6}\Omega$

Easy operation. Clear display design. Comprehensible low resistivity measuring machine.

- One touch automatic measurement by using **"Auto Hold" function.**
- Data output to USB memory stick.
- Easily replaceable battery pack.

Standard equipment

- ASP Probe MCP-TP03P
- AC Adaptar MCP-TA06

Nittoseiko Analytech Co.,Ltd.

Loresta-AX

(MCP-T370)

■4 Pin Method Handy type Low Resistivity meter
■One touch operation by using MCP 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 MCP probe which adopted the spring contact mechanism.

●Probe should be placed perpendicular to the sample.

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

■Measurement can be done automaticlly in "Auto Hold" mode by just pushing the Start key.
■The Nickle Hydrogen Battery is adopted to the system. Portable operation is possible. The battery pack can be changed by very easy operation.
■Probe Check Mode on the software was adopted. The accuracy of the Loresta-AX main unit and the probe can be checked by using the Probe Checker (not included in the standard set).
■Measurement data can be output to USB memory.

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/Nickel Hydrogen Battery)
●Probes/Exclusive MCP probe: ASP, ESP, LSP, PSP, BSP, TFP, AP2, BP
●Data Output/USB Memory
●Dimention & Weight/228(L) X 85(W) X 65(H)mm, ca. 420g
●Standard Set/ASP Probe/MCP-TP03P (4 pin linear type) Pin interval : 5 mm, Pin Top 0.37R, Beryllium/Copper Alloy., Exclusive AC adapter.

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

●Check the probe by probe checker.

Options

4 Pin Probes

●ASP

MCP-TP03P(RMH110)
Standard, Pin Interval 5mm
Pin Top 0.37R x 4 pins
Pushing Pressure 210g/Pin

●ESP

MCP-TP08P(RMH114)
For non homogeneous samples
Pin Interval 5mm
Pin Top Φ2 x 4 pins
Pushing Pressure 240g/Pin

●LSP

MCP-TPLSP(RMH116)
For soft surface samples
Pin Interval 5mm
Pin Top Hemisphere Φ2 x 4 pins
Pushing Pressure 130g/Pin

●PSP

MCP-TP06P(RMH112)
For small samples
Pin Interval 1.5mm
Pin Top 0.26R x 4 pins
Pushing Pressure 70g/Pin

●BSP

MCP-TP05P(RMH111)
Resistance by 2 parts: Each part has 2 pins
Pin interval 2.5mm
Pin top 0.37R x 4 pins
Pushing pressure 210g/Pin

2 Pin Probes

●AP2

MCP-TPAP2 (RMH333)
Resistance between 2 points
Pin Interval 10mm
Top φ2 x 2 pins
Pushing Pressure 240g/Pin

●BP

MCP-TPBP (RMH118)
Resistance by 2 parts: Each part has a pin
Pin interval free
Pin top φ2 x 2 pins
Pushing pressure 240g/Pin

Probe Checker

●4 Pins

MCP-TRF1 (RMH304)
Linear 4 Pins, 1Ω
for ASP, ESP, LSP Probes

●4 Pins

MCP-TRPS (RMH311)
Linear 4 Pins, 1Ω
for PSP probe

●2 Pins

MCP-TRT2 (RMH335)
2 Pins, 1Ω
for AP, BP 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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