Hiresta-UX MCP-HT800

High Performance Resistivity Meter

Hiresta-UX

Measuring range 10^3～$10^{14}\Omega$

Extended measuring range of 10^3～$10^{14}\Omega$
Applicable for various types of materials



- ***Extensive measurement range of 10^3~$10^{14}\Omega$***
- ***29 steps of voltage apply utilizing Auto Sweep Function***
- ***Built-in Switch Box***
- ***Compatible with all Hiresta UP probes***

ASTM D257 Compatible

Standard Package



●URS Probe
MCP-HTP14（RMH214）



●URS Probe checker
MCP-TRURS（RMH327）

Hiresta-UX

(MCP-HT800)

For high accuracy measurements of both surface and volume resistivity in high resistivity range.

MCP Probe specially designed for measurement of various materials

- Single action to measure [Ω], [Ω/□] and [Ω・cm]
- Easy operation for RCF selection, measurement, data storage and data output

●By connecting to a unique measurement table "Resitable" (optional), volume resistivity can be measured.



Uses

Applications

Features

■Production Engineering ■Quality Control ■R&D

■Antistatic materials, flooring materials, paper, packing materials, paint, fiber, concrete, ceramics, plastics, films, etc.

■Measures conductive materials and anti-static materials at the extensive measuring range of 10^3~$10^{14}\Omega$.
■29 steps of applied voltage with Auto Sweep Function enables measuring voltage dependence of resistance value.
■With the new Built-in Switch Box, volume resistivity can be measured just by connecting a "Resitable" (optional) to Hiresta UX.
■Up to 2000 measurement results can be exported to USB memory stick.



●Stable measurement with Probe Fixer (optional)



●Validate probe functionality with Probe Checker



●Foot Switch (optional) enables remote start

Specifications

Method of Measurement	Constant-voltage Apply/Leak-current
Range Switching	Automatic, Manual
Display	640 × 480, 7.5 inch full-color TFT LCD touch panel
Comparator	Maximum and Minimum values can be set manually
Probe	MCP probe (URS, UR, UR-SS, UR-100, UA, J-Box X-Type)
Data Output	USB memory
Input Power	AC85 ~ 264V 47 ~ 63Hz
Dimensions & Weight	W330 × D270 × H113mm (Lid opened: W330 × D270 × H215mm) 2.4kg
Standard Package	URS Probe : RMH214 Probe checker : RMH327

*Power cable not included.

Measurement Range and Trueness

1 ~ 10V	10^3 ~ 10^9 [Ω] : ±2% 10^{10}[Ω] : ±3%
20 ~ 400V	10^6 ~ 10^{10}[Ω] : ±2% 10^{11}[Ω] : ±3%
500 ~ 900V	10^7 ~ 10^{10}[Ω] : ±2% 10^{11}[Ω] : ±3% 10^{12}[Ω] : ±4%
1000V	10^8 ~ 10^{10}[Ω] : ±2% 10^{11}[Ω] : ±3% 10^{12}[Ω] : ±4% 10^{13}[Ω] : ±5% 10^{14}[Ω] : ±12%

Options

Ring Probes

●UR



40mm diameter
MCP-HTP12(RMH212)

●UR-SS



10mm diameter
MCP-HTP15(RMH215)

●UR-100



For up to $10^{18}\Omega/\square$
MCP-HTP16(RMH216)

2-Pin Probe

●UA

For long samples
Inter-pin distance 20mm
Pin point φ2x2
Spring pressure 240g/pin



MCP-HTP11 (RMH211)
*Only for surface resistivity measurement

URS Probe Fixer

●Probe Fixer for URS probe



Weight 2kg
MCP-URSJG (RMJ360)

Compatible with JIS K 6911

●J-Box X-Type

For measurement according to JIS K 6911
MCP-JBO4
(RMJ351)



●Probe checkers are available for each probe (500MΩ) ●This product has a maximum voltage of 1,000V, take care to avoid electric shock.

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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