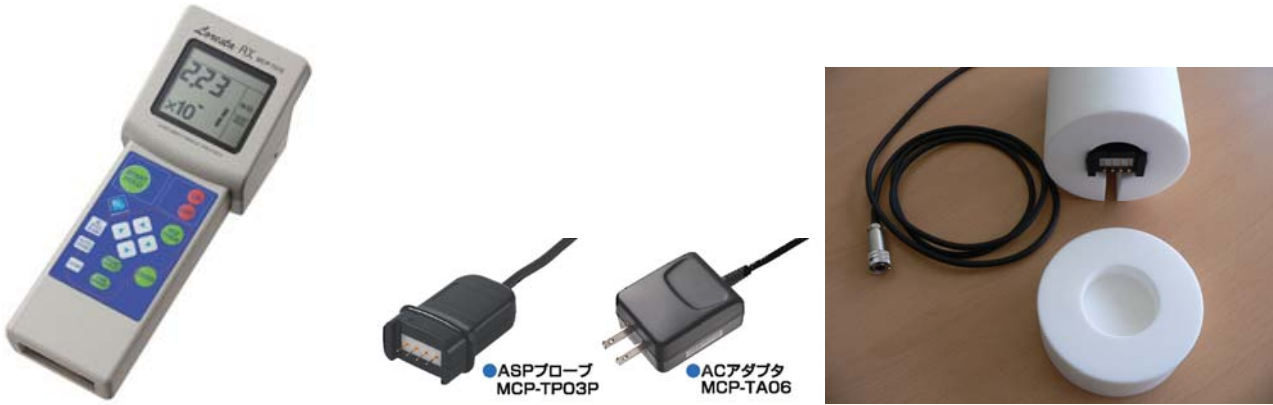


고유/표면/체적용 휴대형 비저항측정기

Loresta-AX <MCP - T370>

Loresta-AX 포터블 장비는 다양한 프로브를 사용해 비저항 범위의 저항 측정한다. 측정은 정확하고 매우 일관성 있다. 4-pin 프로브의 기술에 대한 특허와 데이터 저장에 대한 특징을 가지고 있다.




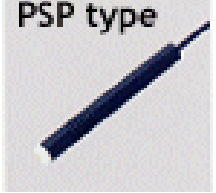



◆ 특징

- 전용 4 탐침 프로브는 각종 재료의 저항력을 원터치 정밀 측정.
- 시작 버튼을 누르는 것만으로 안정된 값을 찾아 자동으로 측정을 확정 자동 홀드 기능을 탑재.
- 니켈 수소 배터리를 채용하여 배터리 구동이 가능한 배터리 팩을 교체가 용이하게 되었습니다.
- 프로브체크모드 추가.
- 프로브체커(별매품)를 사용하여 쉽게 Loresta-AX 본체 및 조사의 정확성을 확인할 수 있습니다.
- 측정 데이터를 USB 메모리에 출력할 수 있습니다.

◆ 기본사양

측정방식	4-단자 4-탐침법, 정전류인가 방식
측정범위	$10^{-2} - 10^{+6}\Omega$
표준 구성품	ASP(직렬 4 탐침) 프로브, AC 어댑터, 케이스, 설명서

◆ 옵션사양 (별매품)

 <p>ESP type</p>	 <p>PSP type</p>	 <p>QPP type</p>	 <p>TFP type</p>	
<p>For non-uniform samples. inter-pin distance 5mm, pin points Ø2, spring pressure 240g/pin.</p> <p>MCP-TP08P</p>	<p>For small samples. inter-pin distance 1.5mm, pin points 0.26R, spring pressure 70g/pin.</p> <p>MCP-TP06P</p>	<p>For minute samples. Square type. Inter-pin distance 1.5mm, pin points 0.26R, spring pressure 70g/pin.</p> <p>MCP-TPQPP</p>	<p>For thin films. Inter-pin distance 1.0mm, pin points 0.15R, spring pressure 50g/pin</p> <p>MCP-TFP</p>	<p>Probe Checkers For ASP, ESP and LSP Probes 4-pin 1.0Ω</p> <p>MCP - TRF1</p>

* 제조사 사정에 따라 사전에 공지없이 프로브 사양 및 디자인은 변경될 수 있습니다.

LORESTA-AX

Loresta-AX <MCP - T370>

◆ 용도

기술부, 품질관리부

◆ 적용분야

전도성페인트, 납유리, 전도성플라스틱, 전도성고무, 전도성필름, 금속박막, 정전기방지금속, EMI 차폐금속, 전도성섬유, 전도성세라믹 등등

◆ 특징

고유저항계

- ❖ 소형경량의 휴대형
- ❖ 포터블
- ❖ LCD형의 간단하고 쉬운 작동
- ❖ 정확하고 일관성유지

MCP 프로브

- ❖ One-Touch 측정
- ❖ 일정한 돌출압력, 내부핀 거리
- ❖ 접촉저항과 와이어 저항제외

◆ 기술사양



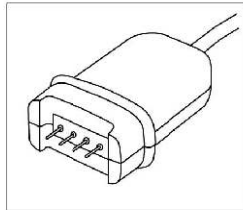
Method of Measurement	4-Pin probe constant-current method								
Measurement range	10 ⁻²	10 ⁻¹	10 ⁰	10 ¹	10 ²	10 ³	10 ⁴	10 ⁵	10 ⁶
Supplied current	100mA		10mA		1mA		100uA	10uA	1uA
Measurement trueness (±%of reading ±digits)	±1.0% ±20dgt	±1.0% ±5dgt	±0.5% ±5dgt	±0.5% ±3dgt				±2.0% ±5dgt	
Display	LCD								
Power	DC 6.5V, 350mA								
4-pin probe	MCP Probe(ASP, ESP, PSP, LSP, BSP, QPP, TFP, NSCP, AP, BP types)								
Data output	USB								
Dimensions,Weight	228(L) x 85(W) x 65(H)mm, 420g								
Standard accessories	ASP Probe : MCP-TP03P (4pins, inter-pin distance 5mm, pin point 0.37R) AC adapter : MCP-TA05(DC6.5V, 350mA rechargeable battery) Carrying Case and Manual								

[8] Products Lineup for Loresta Series

~An abundant lineup for measuring low resistivity in R&D, production engineering, and quality control~

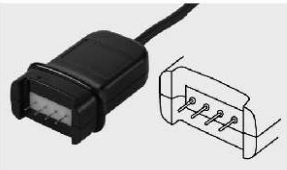
4-pin Probes

The 4-pin probes make it possible to perform stable, highly precise measurements of low resistivity according to the shape of the sample.



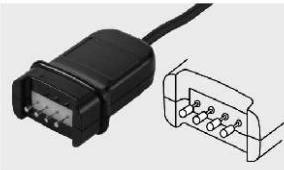
W39×L20×H55mm
Inter-pin distance 5 mm

ASP Probe



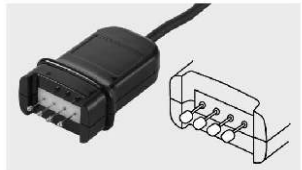
The standard accessory
Inter-pin distance 5 mm, pin points
0.37R, spring pressure 210 g/pin.
RMH110 (MCP-TP03P)

ESP Probe

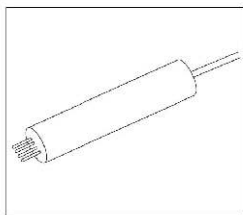


For non-uniform samples
Inter-pin distance 5 mm, pin points
φ 2, spring pressure 240 g/pin.
RMH114 (MCP-TP08P)

LSP Probe



For soft samples
Inter-pin distance 5 mm, pin points φ 2
ball type, spring pressure 130 g/pin.
RMH116 (MCP-TPLSP)



φ 10-12×L112mm

PSP Probe



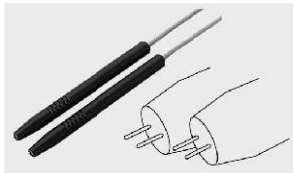
For small samples and thin films
Inter-pin distance 1.5mm, pin points
0.26R, spring pressure 70 g/pin.
RMH112 (MCP-TP06P)

QPP Probe



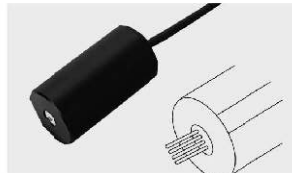
For minute samples
Inter-pin distance 1.5mm, pin points
0.26R, spring pressure 70 g/pin.
RMH115 (MCP-TPQP)

BSP Probe



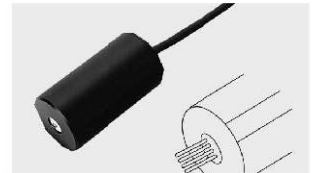
For large samples
Inter-pin distance 2.2mm, pin points
0.37R, spring pressure 210 g/pin.
RMH111 (MCP-TP05P)

TFP Probe



For thin films on glass substrate
Inter-pin distance 1.0mm, pin points
0.15R, spring pressure 50 g/pin.
RMJ217 (MCP-TFP)

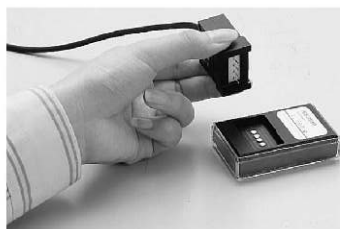
NSCP Probe



For hard samples
Inter-pin distance 1.0mm, pin points
0.04R, spring pressure 250 g/pin.
RMJ202 (MCP-NSCP)

Probe Checkers

For inspecting the main body and 4-pin probes



Inspect with a probe checker before measurement.

4-pin 1.0Ω



For ASP, ESP and LSP Probes
RMH304 (MCP-TRF1)

4-pin 1.0Ω



For PSP Probe
RMH311 (MCP-TRPS)

4-pin 1.0Ω



For TFP and NSCP Probes
RMH312 (MCP-TRTF)