

PINTEK

DIGITAL PROGRAMMABLE DC MILLIOHM WITH USB

MR-30



FEATURES:

- Double LCD Display
- 300,000 counts resolution
- Measurement Range: 30mΩ~3MΩ
- 0.05% accuracy
- 20 Standard User setting memory sets
- Sorting function and Relative percentage function
- PASS/FAIL test result alarm
- Computer Remote Manual and Auto Scan function
- Manual and Auto Channel select
- Sampling Rate: 30 sample/sec
- High Resolution Temperature compensation and measurement
- DUT Four-wire method
- USB interface



Pintek Electronics Co., Ltd
www.pintek.com.tw

MR-30 Digital Programable DC MilliOHM With USB

SPECIFICATIONS:

Resistance	Accuracy	$\leq 30\text{m}\Omega$	$\pm 0.1\% + 6$	
		$> 30\text{m}\Omega$	$\pm 0.05\% + 6$	
Range	30m Ω , 300m Ω , 3 Ω , 30 Ω , 300 Ω , 3K Ω , 30K Ω , 300K Ω , 3M Ω			
Measurement	Four-terminal method			
Sort Range	$\pm 9999\%$, +99 ~ -9999%			
Buzzer	Mute, Pass, Fail			
Over Range	“OL” indication			
Range	Resolution	Measure Current	Measure Current	Open-Terminal Voltage
~30m Ω	1 $\mu\Omega$	1A	$\pm 0.1\% + 6$	~ 1.2V
~300m Ω	10 $\mu\Omega$	100mA	$\pm 0.05\% + 6$	~ 1.2V
~3 Ω	100 $\mu\Omega$	100mA	$\pm 0.05\% + 6$	~ 1.2V
~30 Ω	1m Ω	10mA	$\pm 0.05\% + 6$	~ 4.5V
~300 Ω	10m Ω	100mA	$\pm 0.05\% + 6$	~ 4.5V
~3K Ω	100m Ω	1mA	$\pm 0.05\% + 6$	~ 4.5V
~30K Ω	1 Ω	100 μA	$\pm 0.05\% + 6$	~ 4.5V
~300K Ω	10 Ω	10 μA	$\pm 0.05\% + 6$	~ 4.5V
~3M Ω	100 Ω	1 μA	$\pm 0.05\% + 6$	~ 4.5V
Delay Time	0.1 ~ 9999 S			
Temperature Sensor	Accuracy	0.3% + 3°C		
Memory	20 sets of memories			
Operation Environment	Temperature	0°C to 40°C		
	Humidity	20% to 80%		
Storage Environment	Temperature	-20°C to 70°C		
	Humidity	0% to 90%		
Power	AC 115V/230V $\pm 10\%$ 50/60Hz			

ACCESSORIES:



RP-93 Test Lead

- Low resistance 4 wire terminal-pair probe.
- Compatible on all brands Milli-Ohm meter which input through Banana-Jacket.
- High shield co-axis wire, low noise design.
- Output 1A will not case to heating.
- Gold plate alligator plug, low connect resistance, low corrosive.
- 130 cm length, 90 grms weight.



TP-R04 Precision Pt-100 Probe (OPTION)

- Platinum resistance thermometer sensor Pt 100(4 wires).
- Measurement Range:-100 to 400°C
- Temperature Sensor Dimensions: Approx. 5.0mm
- Temperature Sensor Length: Approx. 230mm
- Cable Length: Approx. 1500mm

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