



The 19572 are instrument dedicated to measure the grounding resistance within the range of 0.1~510mΩ. Its compact and easy to operate feature is most suitable for the grounding test in production line. By supplying high reliability and stability test results with built-in resistance compensate function; it is an economical and useful grounding tester.

ORDERING INFORMATION

19572 : Ground Bond Tester
A190701 : Remote Control Box
A195720 : GPIB Interface

KEY FEATURES

- Wide resistance measurement range : 0.1 ~ 510 mΩ
- High performance AC current output : 45 A
- Compact size ground bond tester
- Provide reliable and stable test results
- Built-in resistance compensation function
- Standard RS-232 interface
- Optional GPIB Interface
- Compatible with the model 19070 series Hipot Tester

SPECIFICATIONS

Model	19572
Mode	Ground Bond
Grounding Resistance Test	
Output Current	AC : 3 ~ 45A
Load Regulation	1 % + 0.3 A
Resolution	3 ~ 30A, 0.01A / 30.1 ~ 45A, 0.1A
Current Accuracy	± (1.5% of setting + 0.5% of full scale)
Output Frequency	50Hz / 60Hz
Resistance Range	0.1 ~ 510 mΩ
Resistance Resolution	(R display counts/ I display counts) ≥ 0.2, Resolution: 1mΩ (R display counts/ I display counts) < 0.2, Resolution: 0.1mΩ
Resistance Accuracy	± (2% of reading + 0.5% of full scale)
Offset	A predetermined value can be subtracted from the measured value and the result of subtraction can be display The result of subtraction can be compared with a Good/NO Good judgment reference value, and the result of comparison can be use for the Good/NO Good judgment
Offset Range	0 ~ 100mΩ
Test Time	0.5 ~ 999 sec., continue
Waveform	Sine wave
GO/NG Judgment	A no-good judgment is made when a resistance greater than the high limit value is detected. A no-good judgment is made when the output current is cutout and a no-good Alarm signal is delivered. If no abnormal state is detected during the test time, a good judgment is made and a good signal is deliver.
Limit	Hi-Limit : 0.1 ~ 510mΩ ; Low-Limit : off, 0.1mΩ ~ Hi-Limit Value, 510mΩ max.
General	
Operation Environment	Temperature : 0°C ~ 40 °C, Humidity : ≤ 80 % RH
Power Consumption	No load(Ready state) : < 100 W, With rated load : ≤ 880W max.
Power Requirement	100V / 120V / 220V (AC ± 10%) / 240V (AC -10% ~ +5%), 50 / 60 Hz
Dimension (H x W x D)	105 x 320 x 400 mm / 4.13 x 12.60 x 15.75 inch
Weight	16 kg / 35.24 lbs
Certification	UL, CE

Photovoltaic Test Equipment

Semiconductor/IC Test Equipment

LED Test Equipment

LCD/LCM Test Equipment

Video & Color Test Equipment

Optical Inspection Equipment

Power Electronics Test Equipment

Passive Component Test Instruments

Electrical Safety Test Instruments

General Purpose Test Instruments

PXI Instruments & Systems