

PRODUCT SPECIFICATION SHEET

Product Name: IDEAL 61-920 Ground Resistance Tester Clamp

Specifications	
Jaw Max. Opening :	1.25", 32 mm
Resistance Accuracy :	+/- 1.5% +/- 0.05 Ohm
Current Measurement Range :	30 Amps
Resolution :	0.01 Ohms
Ground Resistance Range :	0.01 - 1200 Ohms
Storage Environment :	-4°F to 122°F at < 75% relative humidity
Power Consumption :	50mA for the operating system
Earth Resistance Function :	constant voltage injection, current detection (frequency approx. 2400Hz) dual integration
AC Current Function :	successive approximation (TMRS)
Response Time :	earth resistance function : approx. 7 seconds ; current function : approx. 2 seconds
Location :	for use at altitude 2000m or less, indoor/outdoor
IP protection rating :	IP40
Electrostatic Discharge Immunity :	performance criteria B
Withstand Voltage :	AC5320 Vrms / 5 seconds between the transformer jaws fitted parts and case enclosure (except for jaws)
Applicable Standards :	IEC61010-1:2001 (CAT IV 300V pollution degree2) IEC61010-2-032:2002 IEC61326:2000 (EMC standard)
Dimensions :	9.7" x 4.7" x 2.1"
Weight :	approx. 1.7 lbs (including battery)
Operating Temperature :	14°F to 104°F at 85% relative humidity
Safety Rating :	CAT IV 300V