



ENGLISH

Datasheet

Stock No. 123-2238

IET 1700

Digital Earth Tester



## Electrical Specifications

### Earth Voltage (50HZ, 60HZ)

Range	Resolution	Accuracy	Overload Protection
EARTH V	0.1V	$\pm(1\% + 4V)$	400Vrms/1 minute

### Earth Resistance

Range	Resolution	Accuracy	Overload Protection
40 $\Omega$	0.01 $\Omega$	$\pm(2\% + 0.2\Omega)$	250Vrms/10 seconds
400 $\Omega$	0.1 $\Omega$	$\pm(2\% + 3\Omega)$	
4000 $\Omega$	1 $\Omega$		

### Current Consumption

Range	ON
EARTH V	22mA
40 $\Omega$ /400 $\Omega$ /4000 $\Omega$	58mA

## General Information

<b>Display</b>	3-3/4 digit liquid crystal display with a maximum reading of 3999
<b>Range Selection</b>	All ranges are selected by single Range Switch operation
<b>Over range Indication</b>	LCD will show "OL"
<b>Sampling Rate</b>	2.5 times/sec. on Bar-graph indication, 10 times/sec. on digital display
<b>Measuring Current Output</b>	2 mA/820Hz
<b>Timer (Auto power off)</b>	about 3 minutes
<b>Operating Temperature and Humidity</b>	0 to 40°C (32 to 104°F), below 80% RH
<b>Storage Temperature and Humidity</b>	-10°C to 60°C (14°F to 140°F), below 70%RH.
<b>Power Source</b>	DC12V (8x1.5V Size "AA" battery or equivalent)
<b>Dimensions</b>	190x140x77mm
<b>Weight</b>	Approx. 800 (with battery)
<b>Accessories</b>	Test leads x 1 set, Auxiliary earth spikes x 4, Batteries x 8, Carrying case, Neck strap, Manual