

Data Sheet

IIT 1601

Autoranging Insulation Tester

FEATURES

- 3-3/4 Digital readout with analog bar indication.
- Auto Range for Mega Ohm range.
- 50 segments Log Scaled Analog Display.
- Tests insulation at rated voltage into a 1mA load.
- 200mA short circuit continuity current.
- Easy to carry testing package.
- Meet IEC61557

ELECTRICAL SPECIFICATIONS

OHMS & Continuity Beeper

Range	Resolution	Accuracy	Max. open Circuit Voltage	Max. Short Circuit Current	Overload Protection
400Ω	0.1Ω	1%+5	12.8V	>200mA	220Vrms

Range	Resolution	Beeper Active	Max. open Circuit Voltage	Overload Protection
•••••	0.1Ω	Resistance<40Ω	12.8V	220Vrms

AC Voltage (40Hz~500Hz)


Range	Resolution	Accuracy (above 1V)	Input Impedance	Overload Protection
600V	0.1V	1.5%+3	4.5MΩ	750Vrms

Meg OHMS (Auto Range)

Range	Resolution	Accuracy	Terminal Voltage
4MΩ/40MΩ/400MΩ/4000MΩ/250V	1K	3%+5 (<2000M)	250V+20% ~ -0%
4MΩ/40MΩ/400MΩ/4000MΩ/500V		5%+5	500V+20% ~ -0%
4MΩ/40MΩ/400MΩ/4000MΩ/1000V		(>2000M)	1000V+10% ~ -0%

Range	Test Current	Short circuit current
4000MΩ/250V	1mA	≤1.5mA
4000MΩ/500V		
4000MΩ/1000V		

GENERAL SPECIFICATIONS :

Display	80 x 50mm Big LCD panel with 50 segments analog display Max Reading 4000
Over range Indication	"OL" will be shown on the LCD panel when out of range measurement is made.
Low Battery Indication	The  will be shown when the battery need to be changed
Sampling Rate	2.5 times/sec Digital Display , 10 times/sec Bar Graph
Power Source	Eight 1.5Volt AA size Battery
Operating Temperature and Humidity	0 to 40°C (32 to 104°F) , below 80% RH
Storage Temperature	-10 to 60°C (14 to 140°F)
Dimension	190x140x77mm
Weight	Approx. 900g (with battery)
Accessories	Test Lead, Battery, Instruction Manual

