

IRT5010 digital insulation resistance tester, also known as megohm meter, mainly used for insulation resistance testing. It also has shockproof, dustproof and moisture-proof structure, which is suitable for harsh working environment. It is a common and essential meter for telecom, electric power, meteorology, machine room, oil field, electromechanical installation and maintenance as well as industrial enterprise departments that use electric power as industrial power or energy. It is suitable for measuring the insulation resistance of various insulating materials and transformers, motors, cables and electrical equipment.

## FEATURES

- LCD large screen display
- Equipped with an equipotential protection ring
- Wide measurement range 0.1M  $\Omega$  -10T  $\Omega$
- Self check function & fault protection functions
- Built in super large capacity lithium battery



## TECHNICAL SPECIFICATION

Output Voltage	250V, 500V, 1000V, 2500V, 5000V	
Test Range	Voltage	Measurement Range
	250 V	0.1M $\Omega$ ~0.5T $\Omega$
	500 V	0.1M $\Omega$ ~1T $\Omega$
	1000 V	0.1M $\Omega$ ~2T $\Omega$
	2500 V	0.1M $\Omega$ ~5T $\Omega$
Accuracy	<100G $\Omega$	$\pm(5\%RD+0.1\%FS)$
	>100G $\Omega$	$\pm(10\%RD+0.1\%FS)$
Resolution	1K $\Omega$	
Voltage drop	10%	
Short-circuit current	$\geq 3mA$ (5mA)	
Operation temperature	0~45 $^{\circ}C$	
Humidity	$\leq 85\%RH$ , No condensation	
Storage conditions	0 $^{\circ}C$ ~45 $^{\circ}C$ , $\leq 85\%RH$ , No condensation	
Polarisation Index (PI)	Yes	
Dielectric Absorption Ratio (DAR)	Yes	
Battery	Built-in 12.6V/5.2AH lithium battery	
Weight	4.2 kg	
Dimension	320 X 270 X 140 mm	
Accessories	Meter with testing leads, AC adaptor	