



# KMP7036

## Insulation-Continuity Tester

The quality of insulation is critical to assure proper, uninterrupted and safe functioning of electrical circuits. The Robin-Amprobe Insulation-Continuity Tester is designed to diagnose and prevent the breakdown of the insulation in various parts of the electrical system such as wires, transformers and motors. The KMP7036 features three testing voltages covering wide range of commercial and residential applications.

- Tests insulation of wires, cables, transformers and electrical motors
- Selectable test voltages 250V, 500V and 1000V
- Test button hold to perform the Dielectric Absorption Ratio Test
- Continuity test @ 200mA short-circuit
- Designed to allow testing to BS7671 IEE 17<sup>th</sup> Edition regulations
- Built in voltmeter and red light warning for live circuit indication
- Large, backlit display
- Automatic discharge of test object after completion of measurement
- Data Hold
- Test lead resistance zero facility
- Low battery indication
- Safety CAT III 600V

## KMP7036 Insulation-Continuity Tester

## Data Sheet

### Specifications (At 23°C ± 5°C, 45% to 75% RH)

Insulation Resistance @ 250V / 500V / 1000V (Test Current ≥ 1mA)	0.00MΩ ~ 4.99MΩ	± (3% rdg + 5 LSD) for 0.00MΩ ~ 99.9MΩ
	5.0MΩ ~ 49.9MΩ	± (5% rdg + 5 LSD) for 100MΩ ~ 1.99GΩ
	50MΩ ~ 999MΩ	
	1.00GΩ ~ 1.99GΩ	
	(Buzzer threshold: 4MΩ)	
Continuity @ I <sub>N</sub> ≥ 200mA, U <sub>o</sub> =5Vdc (Nominal)	0.00Ω~1.99Ω / 2.0Ω~19.9Ω / 20Ω~200Ω (Buzzer threshold: 2Ω)	± (2% rdg + 3 LSD)
AC Voltage Measurement	30Vac ~ 750Vac	± (2% rdg + 3 LSD) @ 50 / 60Hz
Operating Temperature	0°C to +35°C, ≤75% RH, no condensation	
Storage Temperature	-20°C to +60°C, ≤80% RH, no condensation (without batteries)	
Power Supply	1.5V Alkaline Battery (AA Battery) × 6 pcs	
Dimensions (L x W x H)	160 x 101 x 71 mm (6.3 x 3.98 x 2.79 in)	
Product Weight	Approx. 600g (1.3 lb)	
Regulation Compliance	Designed to allow testing to BS7671 IEE 17 <sup>th</sup> Edition regulations BS EN 61010-1 CAT III 600V BS EN 61557-1 / -2 / -4 / -10 BS EN 61326-1 (EMC)	
Included Accessories	Test leads x 2, test probes x 2, alligator clips x 2, batteries ( 6 x AA), users manual, carrying case and strap	



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