

# KMP 3000 Series Insulation/Continuity Testers

# ROBIN



KMP 3075DL



KMP 3050DL

## Robin Insulation Testers/Continuity Testers

All of the KMP Series digital instruments are controlled by on-board microprocessors with high performance integrated circuits and software to give high speed data processing and rapid display of readings. All models come ready to use with high quality SL20 Snap-Lok Test Leads.

Installation Tests Performed:

- Continuity of Protective Conductor
- Continuity of Ring Final Conductor
- Continuity of Earth Bonding
- Insulation Resistance
- Polarity

### Features

	KMP 3075DL	KMP 3050DL
250V DC insulation test voltage	●	●
500V DC insulation test voltage	●	●
1000V DC insulation test voltage	●	●
Trac-Lok for extended battery life	●	
Lock-down test button for continuous operation	●	●
Test lead resistance zero adjustment	●	●
Live Circuit warning	●	●
Protects against accidental connection to live circuit	●	●
Illuminated scale	●	
Automatic capacitive circuit discharge facility	●	●
Bar Graph	●	●
Insulation / Continuity test currents to BS 7671	●	●

### Specifications

Insulation Resistance Ranges	KMP 3075DL / KMP 3050DL
DC Test Voltage	250V 500V 1000V
Measuring Ranges	0-20MK 0-200MK 0-2000MK
Output Voltage on Open Circuit	250V dc $\pm 10\%$ 500V dc $\pm 10\%$ 1000V dc $\pm 10\%$
Output Voltage	250V dc min. at 0.25 MK 500V dc min. at 0.5 MK 1000V dc min. at 1 MK
Output Current (as per BS 7671)	1 mA dc min. at 0.25 MK (250V) 1 mA dc min. at 0.5 MK (500V) 1 mA dc min. at 1 MK (1000V)
Output Short Circuit Current	1.3mA approx
Accuracy	20 MK / 200 MK $\pm(1.5\% \text{ rdg} + 5 \text{ dgt})$ 2000 MK $\pm(10\% \text{ rdg} + 3 \text{ dgt})$
Continuity Resistance Ranges	KMP 3075DL / KMP 3050DL
Measuring Ranges	0-20K, 0-200K, 0-2000K/
Open Circuit Voltage	4 - 9V
Short Circuit Current (BS 7671)	200mA min
Accuracy	0-20K $\pm(1.5\% \text{ rdg} + 5 \text{ dgt})$ , 0-200K & 0-2000K $\pm(1.5\% \text{ rdg} + 3 \text{ dgt})$
General	
Withstand Voltage	5000V ac maximum for one minute between electrical circuit and housing case
Overload Protection	600V ac for 30 seconds (Insulation resistance ranges) 500mA HRC Ceramic Fuse (Continuity resistance ranges)
Safety Standard	Designed to comply with the requirements of BS EN 61010-1 Cat III, BS 4743
Dimensions	175 x 115 x 86mm
Weight	640g
Power Source	6 x 1.5V AA

### Included Accessories

SL20 Snap-Lok Test Leads, Test Lead Pouch, Built-in Carrying Case, Batteries, Instruction Manual, Certificate of Conformity.

### Ordering Information

KMP 3075DL Insulation Continuity Tester  
KMP 3050DL Insulation Continuity Tester

### Recommended Accessories

Snap-Lok Fused Test Leads upgrade, Certificate of Calibration.