

## 5kV INSULATION TESTER

# KPS-MA500



- The test voltage can be preset to 250V, 500V, 1kV, 2.5kV or 5KV, increase or decrease it in steps of 25V or 100V
- Automatic calculation of PI and DAR parameters
- Measurements with step voltage and temperature compensation
- Record of up to 100 results
- USB interface to communicate with the computer
- Powered by batteries
- Auto off
- Overvoltage category: CAT.III 1000V, CAT.IV 600V
- Accessories: 3x test leads, 3x crocodiles, USB cable, 6x LR14 batteries, charger, temperature sensor, PC software, Instrument bag



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## INSULATION TESTER

General	
Power Supply	6xLr14 (2#) Batteries, or 6 x 1,2V AA Batteries
Product Size	284mm × 230mm × 125mm
Product Weight	2426g
Certificate	CE/ETL/RoHS
Safety Rating	CAT III 1000V / CAT IV 600V

SPECIFICATION	SCALE	ACCURACY
DC Voltage	50V – 1000V	±(5.0%+5 digits)
AC Volatge	50V – 750V (50-60Hz)	±(5.0%+5 digits)
Leakage current	10 nA	±(15.0%+1nA)
	100nA	±(15.0%+5 digits)
	1000nA/10µA/100µA/1000µA/3mA	±(2.5%+5 digits)
Temperature	-10°C – 0°C	±1.5°C
	0°C – 40°C	±2.0°C
	40°C – 70°C	±1.5°C

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TEST VOLTAGE	SCALE	Accuracy
250V DC	0.01MΩ ÷ 2.5GΩ	± (5.0%+5 digits)
	2.51GΩ ÷ 250GΩ	± (20.0%+10 digits)
500V DC	0.01MΩ ÷ 5GΩ	± (5.0%+5 digits)
	5.01GΩ ÷ 500GΩ	± (20.0%+10 digits)
1000V DC	0.01MΩ ÷ 10GΩ	± (5.0%+5 digits)
	10.01GΩ ÷ 500GΩ	± (20.0%+10 digits)
	501GΩ ÷ 999GΩ	± (30.0%+20 digits)
2.5kV DC	0.01MΩ ÷ 25GΩ	± (5.0%+5 digits)
	25.1GΩ ÷ 500GΩ	± (20.0%+10 digits)
	501GΩ ÷ 999GΩ	± (30.0%+20 digits)
	1TΩ ÷ 2.5TΩ	± (30.0%+40 digits)
5kV DC	0.01MΩ ÷ 50GΩ	± (5.0%+5 digits)
	50.1GΩ ÷ 500GΩ	± (20.0%+10 digits)
	501GΩ ÷ 999GΩ	± (30.0%+20 digits)
	1TΩ ÷ 5TΩ	± (30.0%+40 digits)

### Product Code Information

SKU	KPSMA500CBINT
EAN code	8435394747330
UPC code	810053670354
Pcs/export carton	2