

DIGITAL 10kV VOLTAGE INSULATION TESTER

KPS-INSUTEST10000



- ☐ 2 Lines × 16 Characters LCD
- ☐ Microprocessor-controlled
- ☐ Tests insulation resistance up to 20 TΩ
- ☐ 4 Insulation test voltages: 1000V, 2500V, 5000V, 10000V
- ☐ AC / DC Voltmeter (30~600V)
- ☐ Short-circuit current up to 5mA
- ☐ PI (Polarization Index) indication
- ☐ DAR (Dielectric Absorption Ratio) indication
- ☐ Auto-ranging on all insulation ranges
- ☐ Optical USB to RS-232 data transmission
- ☐ Well isolated from contact
- ☐ Well protected from surges
- ☐ 2 built-in optical LEDs for data transfer
- ☐ Visual and audio warning of external voltage presence ($\geq 30V_{ac}$ or $\geq 30V_{dc}$)
- ☐ Auto-hold function to freeze reading
- ☐ Overload protection
- ☐ Adjustable testing duration: 1~30 minutes
- ☐ Internal memory for data storage
- ☐ Displays testing duration for insulation measurement
- ☐ Auto-off function
- ☐ 200 measurement results can be saved in memory and recalled on display

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Data Function :

Communication

Accessories (included) :

- Data can be downloaded and saved to a PC.
- Data can also be transferred to a PC for real-time display.
- 200 measurement results can be saved in the memory and recalled on the display



SPECIFICATIONS

Test Voltage	1000V, 2500V, 5000V, 10000V	
Insulation Resistance	2TΩ / 1000V 5TΩ / 2500V 10TΩ / 5000V 20TΩ / 10000V	
Accuracy	0 ~ 200GΩ / 1000V 0 ~ 500GΩ / 2500V 0 ~ 1000GΩ / 5000V 0 ~ 2000GΩ / 10000V	±(5.0%rdg + 5dgt)
	200G ~ 2TΩ / 1000V 500G ~ 5TΩ / 2500V 1000G ~ 10TΩ / 5000V 2000Ω ~ 20TΩ / 10000V	±20%rdg
Resolution	100MΩ : 1MΩ 10GΩ : 0.01GΩ 100GΩ : 0.1GΩ 1TΩ : 1GΩ 10TΩ : 10GΩ 20TΩ : 100GΩ	

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SPECIFICATIONS	
Short Circuit Current	Up to 5mA
PI (Polarization Index)	✓
DAR (Dielectric Absorption Ratio)	✓
Voltmeter	ACV : 30 ~ 600V (50/60Hz) DCV : 30 ~ 600V Accuracy : $\pm(2.0\%rdg + 3dgt)$ Resolution : 1V
Current Measurement	0.5nA ~ 0.55 mA (Depending on the insulation resistance)
Power Source	1.5V "C"x8 Alkaline batteries
Dimensions	330 (L) x 260 (W) x 160 (D) mm
Weight	Approx. 4284g battery included
Safety Standard	EN 61010-1 CAT IV 600V EN 61010-2-030 EN 61326-1
Accessories	Instruction manual Test leads Data transmission cable CA-232 Compact disk (CD) for PC interface Alligator clips Batteries Test report

Product Code Information	
SKU	KPSINSUTEST10000CBINT
EAN code	8435394776408
UPC code	810053671276
Pcs/export carton	2

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