

# 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 Communication Function :

- 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

### Accessories (included) :



### SPECIFICATIONS

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