

# KEWTECH

## KEW3125

### PRODUCT DATA SHEET

#### KEW3125

#### DIGITAL HIGH VOLTAGE INSULATION TESTER

- Test voltages of 500, 1000, 2500 and 5000V
- Measurement up to 1000GΩ
- Bar graph indication of test voltage
- Output voltage monitor uses rolling average
- Output voltage monitor uses routing average
- Timer measurement function
- Indication of output and discharge voltages
- Lock down test button for hands-free testing
- Auto-discharge
- Voltage output warning system
- Back light
- Auto power off and Battery check
- Complies to IEC61010-1 CAT.III 600V



### SPECIFICATIONS

Range	Insulation Resistance				Voltage Measurement
	500V	1000V	2500V	5000V	AC/DC V
Measuring range	0.0 ~ 99.9MΩ 100 ~ 999MΩ	0.0 ~ 99.9MΩ 100 ~ 999MΩ 1.0 ~ 1.99GΩ	0.0 ~ 99.9MΩ 100 ~ 999MΩ 1.0 ~ 9.99GΩ 10.0 ~ 99.9GΩ	0.0 ~ 99.9MΩ 100 ~ 999MΩ 1.0 ~ 9.99GΩ 10.0 ~ 99.9GΩ 100 ~ 1000GΩ (1TΩ)	30 ~ 600V AC/DC (50/60Hz)
Accuracy	+5%rdg ± 3dgt	+5%rdg ± 3dgt	+5%rdg ± 3dgt	+5%rdg ± 3dgt ±20% (100GΩ or more)	+2%rdg ± 3dgt
Short Circuit Current	1.3mA				-
Rated Test Current	1mA ~ 1.2mA	1mA ~ 1.2mA	1mA ~ 1.2mA	1mA ~ 1.2mA	-
Open Circuit Voltage	500V DC + 30% - 0%	1000V DC + 20% - 0%	2500V DC + 20% - 0%	5000V DC + 20% - 0%	-
Maximum Display	999 counts (1000 counts only at 1000GΩ)				630 counts
Current consumption	About 1000mA (during measurement)				25mA approx
Safety Standard	IEC 61010-1 CAT III 600V Pollution Degree 2				
Power Supply	DC 12V: R14 x 8				
Dimensions	205(L) x 152(W) x 94(D)mm				
Weight	1.8kg approx.				

### ACCESSORIES

- ACC7165 Line probe
- ACC7166 Earth probe
- ACC7167 Guard probe
- Batteries
- Carrying strap
- Instruction Manual
- Certificate of Conformity

### OPTIONAL

- Calibration Certificate