

KEW 3128

12kV Digital High Voltage Insulation Tester

Microprocessor controlled High Voltage Insulation Tester. KEW 3128 is suitable for analyzing the insulation characteristics of cables, transformers, motors, generators, high-pressure switches, etc.

Measures up to 35TΩ

Test voltage MAX 12,000V

Short-circuit current MAX 5mA

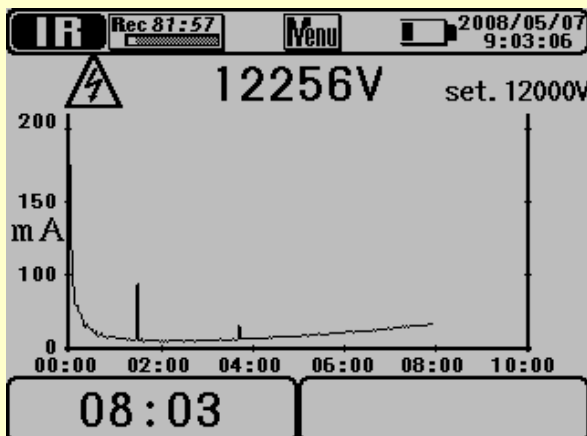
Function

- **Insulation Resistance (IR) & Leak Current**
 - Wide range measurements from 500V to 12,000V (Selectable in 6 ranges)
 - Variable test voltage (5V~100V steps)
 - Voltage and elapsed time are displayed
- **Polarization Index (PI)**
- **Dielectric Absorption Ratio (DAR)**
- **Step Voltage (SV)**
- **Dielectric Discharge Index (DD)**
- **Capacitance measurement**

Feature

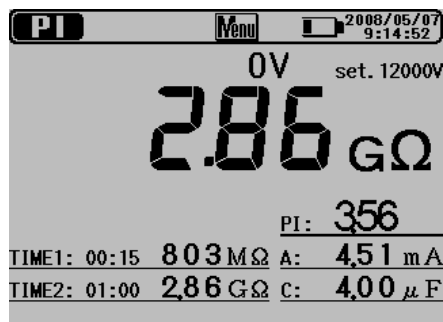
■ Graphic Screen

The changes of insulation resistance values and leakage current values can be displayed in a graph.

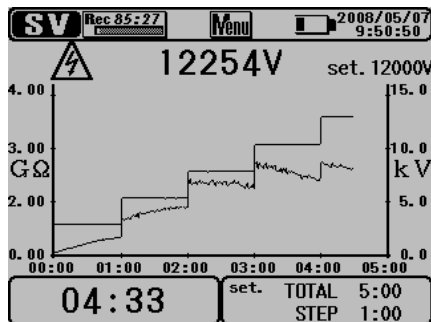


- **Robust design for field use with Weatherproof protection to IP64** (with lid closed)
- **Internal Memory** MAX 40,000data
- **Built-in Print Screen Function enables to record display screen** (Records 32 screens MAX)
- **Downloading to PC**
Using the USB cord and the PC software included as standard accessory, the memory data or the measuring data can be transmitted to a PC at real time.
- **Mains and battery powered**
Internal rechargeable battery can be charged during normal operation.
- **Auto-discharge function and voltage output warning function**
- **Large Backlit LCD Graphic display with bar graph**

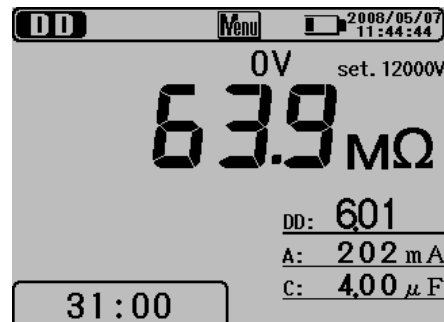
<PI screen>



<Step Voltage screen>



<Dielectric Discharge screen>



Insulation resistance

Rated Voltage	500V	1000V	2500V	5000V	10000V	12000V
Measuring range	500GΩ	1TΩ	2.5TΩ	5TΩ	35TΩ	35TΩ
Accuracy	0~50GΩ ±5%±3dgt	0~100GΩ ±5%±3dgt	0~250GΩ ±5%±3dgt	0~500GΩ ±5%±3dgt	0~1TΩ ±5%±3dgt	
	50G~500GΩ ±20%	100G~1TΩ ±20%	250G~2.5TΩ ±20%	500G~5TΩ ±20%	1T~10TΩ ±20%	
Short-circuit Current	MAX 5.0mA					
	10T~35TΩ only indication					

Voltage

Measuring range	AC/DC ±30V ~±600V
Accuracy	±2%rdg±3dgt

Function

Environmental (Temperature and Humidity range)	For Guaranteed Accuracy	23°C±5°C	85% max (no condensation)
	Operating range	-10°C~50°C	85% max (no condensation)
	Storage range	-20°C~40°C	75% max (no condensation)
Power supply	Rechargeable battery	NiMH battery 12V Measurement time : approx. for 4hours (Applying a load of 100 MΩ)	
	AC	100V~240V, 50/60Hz	
Safety Standard	IEC 61010:2001 CAT.IV 600V、Pollution degree2		
Dimensions Weight	330×410×180mm, 9kg approx.		
Accessories	Line Probe with picked type Prod, Earth Cord, Guard Cord, Straight type Prod, AC mains cord (7169), Instruction Manual, NiMH battery, Hard Case M-8212 USB Data communication adaptor with PC software		
Option	Line Probe with Alligator Clip		

■ For inquires or orders:



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