



Quality and reliability is our tradition

KYORITSU

PV INSULATION EARTH TESTER KEW 6024PV

***No need to short circuit strings for
measuring the insulation resistance!***



PV Insulation

Insulation

Earth

Volts



IP54

- **Correct measuring for Insulation resistance even if PV arrays are under generating power**
- **Waterproof design: Can measure under the bad weather condition**
- **Memory function up to 1000 data**
- **Luminescence button and Backlight**

KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

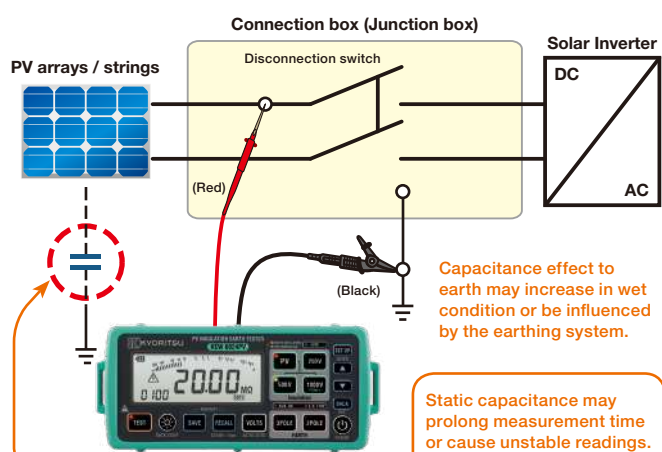
<http://www.kew-ltd.co.jp>

● KEW 6024PV Specifications

Insulation resistance		PV Insulation*		Insulation		
Test voltage	500V	1000V	250V	500V	1000V	
Measuring range(Auto range)	20.00/200.0/2000MΩ		20.00/200.0/2000MΩ			
Mid-scale value	—		50MΩ			
Rated current	—		1.0 - 1.2mA			
			0.25MΩ	0.5MΩ	1MΩ	
First effective measuring range	1.51 - 200.0MΩ	1.51 - 1000MΩ	1.51 - 100.0MΩ	1.51 - 200.0MΩ	1.51 - 1000MΩ	
Accuracy	±1.5%rdg ±5dgt		±1.5%rdg ±5dgt			
Second effective measuring range	0.00 - 1.50MΩ	0.00 - 1.50MΩ	1.20 - 1.50MΩ	1.20 - 1.50MΩ	1.20 - 1.50MΩ	
	200.1 - 2000MΩ	1001 - 2000MΩ	100.1 - 2000MΩ	200.1 - 2000MΩ	1001 - 2000MΩ	
Accuracy	±5.0%rdg ±6dgt					
Open circuit voltage	0 - +20%					
Short circuit current	Max 1.5mA					
Earth resistance						
Measuring range(Auto range)	20.00/200.0/2000Ω					
Accuracy	±3.0%rdg±0.1Ω (20Ωrange) ±3.0%rdg±3dgt (200/2000Ωrange)					
Voltage measurement						
Measuring range	AC 5 - 600V (45 - 65Hz) DC ±5 - ±1000V					
Accuracy	±1.0%rdg±4dgt					
General						
Applicable Standards	IEC 61010-1 CAT IV 300V, CAT III 600V Pollution2 IEC 61010-2-030, IEC 61010-031, IEC 60529(IP54), IEC 61557-1,-2,-5,-10, IEC 61326-1,2-2(EMC), EN50581(RoHS)					
Power source	LR6(AA) (1.5V) x 6					
Dimensions / Weight	84(L) x 184(W) x 133(D)mm / Approx. 900g (including batteries)					
Accessories	7196A(Test leads with remote control switch), 7244A(Test lead with alligator clip), 8017(Extension prod), 8072(CAT II standard prod), 8212-USB(USB adaptor with "KEW Report (Software)") 9155(Shoulder strap), 9156(Carrying case), LR6 x 6, Instruction manual,Calibration Certificate					
Optional	7243(L-shaped probe), 7245A(Precision measurement cord set), 8016(Hook type prod)					

*6024PV supports the PV systems up to 1000V.

Accurate and quick results also in case of large capacitance effects.



Analyzing and processing the recorded data with a PC.

[Site no.1]
E.g.: Number of the measured connection box

[Data no.]
Number of saved data



[Site no.2]
E.g.: Number of the measured strings

● Included Accessories



● Optional Accessories



Safety Warnings :

Please read the "Safety Warnings" in the instruction manual supplied with the instrument thoroughly and completely for correct use. Failure to follow the safety rules can cause fire, trouble, electrical shock, etc. Therefore, make sure to operate the instrument on a correct power supply and voltage rating marked on each instrument.

■ For inquiries or orders :



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