

**NEW**

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**

CE

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.

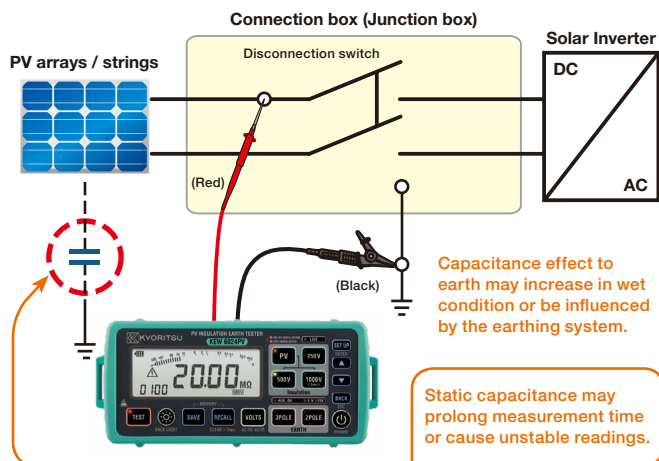
<http://www.kew-ltd.co.jp>

## ● KEW 6024PV Specifications

Insulation resistance	PV Insulation*		Insulation		
	500V	1000V	250V	500V	1000V
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		±5.0%rdg ±6dgt		
Open circuit voltage	0 - +20%		0 - +20%		
Short circuit current	Max 1.5mA		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-(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.



### ● Included Accessories



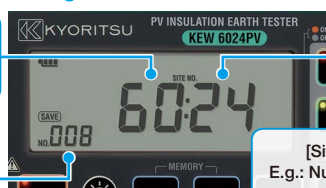
### ● Optional Accessories



### 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



## 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 inquires or orders :



**KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.**

2-5-20, Nakane, Meguro-ku, Tokyo, 152-0031 Japan  
Phone:+81-3-3723-0131  
Fax:+81-3-3723-0152  
E-mail:info-eng@kew-ltd.co.jp

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