



Quality and reliability is our tradition

KYORITSU

PV INSULATION EARTH TESTER KEW 6024PV

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



PV Insulation

Insulation

Earth

Volts



IP54

- **Possible to measure insulation resistance correctly even if PV arrays are generating electricity**
- **Waterproof design, ideally suited to work in bad weather condition**
- **Memory function up to 1000 data**
- **Luminescence button and Backlight display**

KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

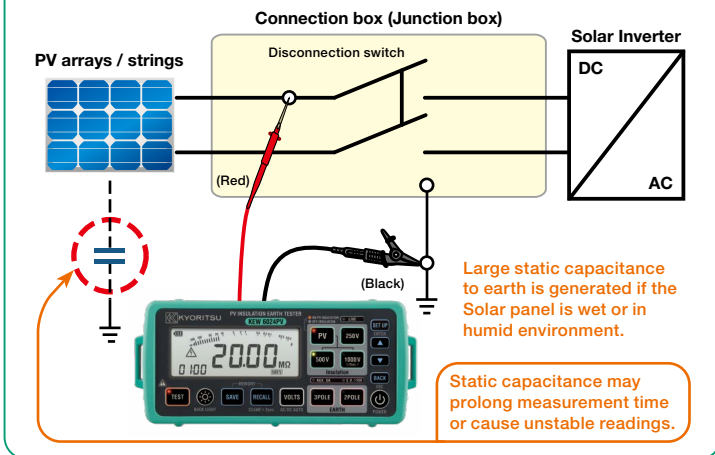
www.kew-ltd.co.jp

● KEW 6024PV Specification

Insulation resistance		PV Insulation*			Insulation		
Test voltage	500V	1000V			250V	500V	1000V
Range(Auto-ranging)	20.00/200.0/2000MΩ			20.00/200.0/2000MΩ			
Measuring range	0.00 to 1.50MΩ 200.1 to 2000MΩ	1.51 to 200.0MΩ	0.00 to 1.50MΩ 1001 to 2000MΩ	1.51 to 1000MΩ	-		
Accuracy	±5%rdg±6dgt	±1.5%rdg±5dgt	±5%rdg±6dgt	±1.5%rdg±5dgt			
Rated current	-			1.0 to 1.2mA			
First effective measuring range				0.25MΩ	0.5MΩ	1MΩ	
Mid-scale value				1.51 to 100.0MΩ	1.51 to 200.0MΩ	1.51 to 1000MΩ	
Accuracy				±1.5%rdg±5dgt			
Second effective measuring range				1.20 to 1.50MΩ	1.20 to 1.50MΩ	1.20 to 1.50MΩ	
Accuracy				100.1 to 2000MΩ	200.1 to 2000MΩ	1001 to 2000MΩ	
Open circuit voltage	1 to 1.2times						
Short circuit current	1.5mA or less						
Earth resistance							
Measuring range(Auto-ranging)	20.00/200.0/2000Ω						
Accuracy	±3.0%rdg±0.1Ω (20Ωrange) ±3.0%rdg±3dgt (200/2000Ωrange)						
Voltage measurement							
Measuring range	5 to 600V AC (45 to 65Hz) / ±5 to ±1000V DC						
Accuracy	±1.0%rdg±4dgt						
General							
Applicable standards	IEC 61010-1 CAT IV 300V / CAT III 600V Pollution2, IEC 61010-2-030, IEC 61010-2-034, IEC 61010-031, IEC 60529(IP54), IEC 61557-1, 2, 5, 10, IEC 61326-1,2-2(EMC)						
Power source	LR6(AA) (1.5V) × 6						
Dimension / Weight	84(L) x 184(W) x 133(D)mm / Approx. 900g (including batteries)						
Accessories	7196B(Test leads with remote control switch), 7244A(Test lead with alligator clip), 8017(Extension prod long), 8072(CAT II standard prod), 8212-USB(USB adapter), 9155(Shoulder strap), 9156A(Soft case), Batteries, Instruction manual						
Optional accessories	7243A(L-shaped probe), 7245A(Precision measurement cord set), 8016(Hook type prod)						

*6024PV supports PV systems up to 1000V.

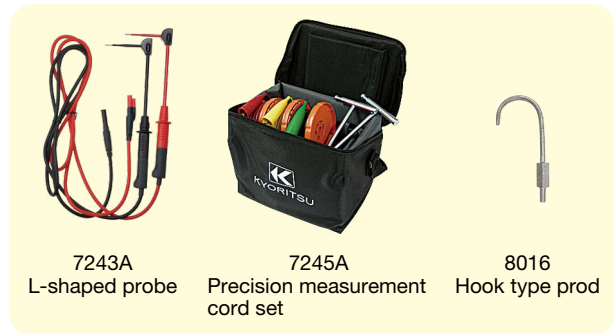
Accurate and quick measurement, unaffected by large static capacitance to earth.



● Accessories



● Optional accessories



Analyzing and processing the recorded data with a PC.

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

[Data no.] Number of saved data

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

"KEW Report" transfers measurement data from the KEW 6024PV to a PC via MODEL 8212-USB. Please download the software from our website.



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 :



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

www.kew-ltd.co.jp

