



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



- ***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***

KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

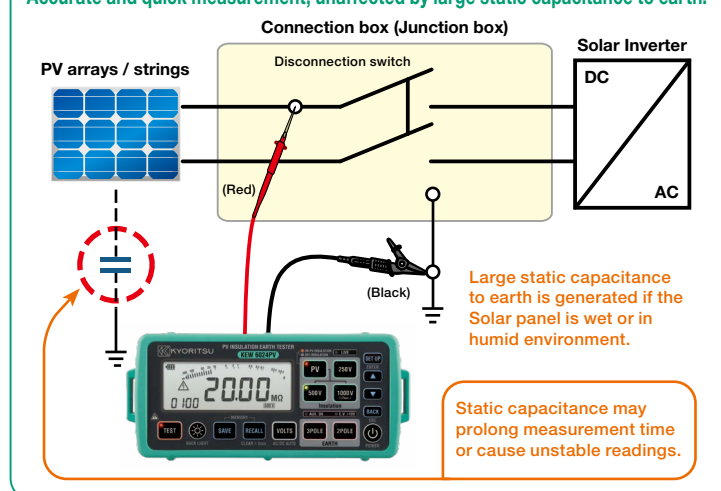
www.kew-ltd.co.jp

● KEW 6024PV Specification

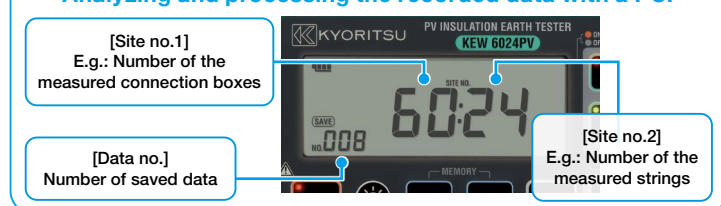
Insulation resistance		PV Insulation*				Insulation				
Test voltage	500V		1000V		250V		500V	1000V		
Range(Auto-ranging)	20.00/200.0/2000MΩ				20.00/200.0/2000MΩ					
Measuring range	0.00 to 1.50MΩ 200.1 to 2000MΩ	1.51 to 200.0MΩ	0.00 to 1.50MΩ 1001 to 2000MΩ	1.51 to 1000MΩ	-					
Accuracy	±5%rdg±6dgt	±1.5%rdg±5dgt	±5%rdg±6dgt	±1.5%rdg±5dgt						
Rated current	-				1.0 to 1.2mA					
					0.25MΩ				0.5MΩ	1MΩ
First effective measuring range	-				1.51 to 100.0MΩ				1.51 to 200.0MΩ	1.51 to 1000MΩ
Mid-scale value					50MΩ					
Accuracy					±1.5%rdg±5dgt					
Second effective measuring range	-				1.20 to 1.50MΩ		1.20 to 1.50MΩ	1.20 to 1.50MΩ		
					100.1 to 2000MΩ		200.1 to 2000MΩ	1001 to 2000MΩ		
Accuracy					±5.0%rdg±6dgt					
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	AC 5 to 600V (45 to 65Hz) DC ±5 to ±1000V									
Accuracy	±1.0%rdg±4dgt									
General										
Applicable standards	IEC 61010-1 CAT IV 300V / CAT III 600V Pollution2, IEC 61010-2-030, IEC 61010-2-034, 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) × 184(W) × 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 with "KEW Report (Software)"), 9155(Shoulder strap), 9156A(Soft case), LR6 x 6, 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.



Analyzing and processing the recorded data with a PC.



● 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 :



**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

