



Quality and reliability is our tradition

KYORITSU

태양광발전 시스템 종합시험기 KEW 6024PV

**PV 절연, 접지, 전압 측정 기능을
한 대의 기기에 탑재한 다기능 측정기!**



PV 절연

절 연

접 지

전 압



IP54

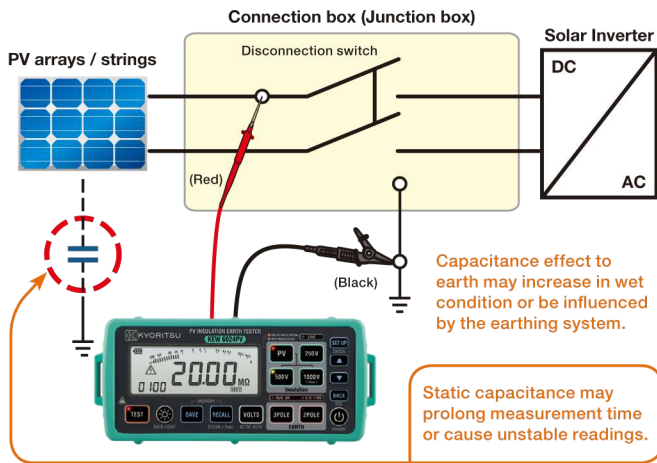
- PV 어레이가 발전 상태에서도 단락없이 정확한 절연 저항의 측정이 가능
- 방수 구조로 악천후에서도 측정이 가능
- 1000건까지의 측정 결과를 저장할 수 있는 메모리 기능
- 야간 현장 작업에 편리한 발광 버튼과 백라이트

● 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



7243
L-shaped probe



7245A
Precision measurement
cord set



8016
Hook type prod



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

E-mail:info-eng@kew-ltd.co.jp

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