

# MULTI FUNCTION TESTERS

## KEW 6010B



CE

- Designed to IEC 61010-1, IEC 61557
- Data Memory : 300 measured results
- Download Results to PC by Using 8212 Data Communication Adaptor through Optical RS-232C Port.

5 in 1

**Continuity**

20/200Ω

**Loop**

20/2000Ω

**Uc**

100V

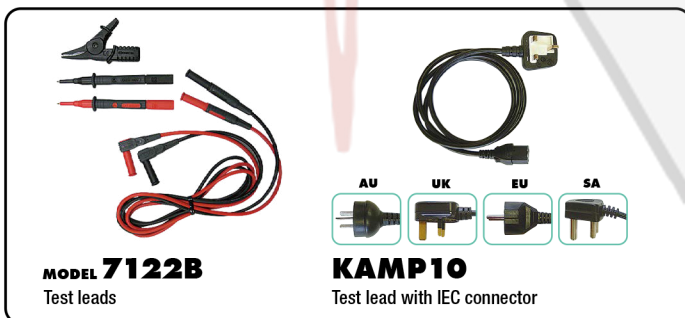
**Insulation**

500/1000V

**RCD**

10/30/100/300/500mA

## Accessories



## Optional Accessories

**MODEL 7133B**  
Distribution board test leads

**MODEL 8212-USB**  
USB adaptor with "KEW Report (Software)"

**"KEW Report" Software for report**

"KEW Report" transfers measurement data from the KEW6010B to a PC via MODEL8212-USB

**System requirements**

OS: Windows® 8/10  
 Display: XGA (Resolution 1024 × 768 dots) or more  
 Hard-disk: Space required 20Mbyte or more  
 Others: With CD-ROM drive and USB port

\* Windows® is a registered trademark of Microsoft in the United States.

### Specifications

	<b>MODEL 8212-USB</b>
Communication method	USB Ver1.1
Driver type	Virtual COM port
Communication speed	19200bps max.
Dimensions	Adaptor : 53(L) × 36(W) × 19(D)mm Cable : 2m approx.
Operating temperature and humidity	-10 - +50°C 85%RH or less with no condensation
Storage temperature and humidity	-20 - +60°C 85%RH or less with no condensation

	<b>6010B</b>
<b>Continuity testing</b>	
Measuring range	20/200Ω (Auto-ranging)
Open circuit voltage	>6V
Short circuit current	>200mA
Accuracy	±3%rdg±3dgt
<b>Insulation testing</b>	
Measuring range	20/200MΩ(Auto-ranging)
Test voltage	500/1000V
Open circuit voltage	+20%, -0%
Rated current	>1mA
Accuracy	±3%rdg±3dgt
<b>LOOP Impedance testing</b>	
Impedance range	20Ω/2000Ω
Rated voltage	230V +10%, -15% [50Hz]
Normal test current	20Ω: 25A/10ms 2000Ω: 15mA/350ms max.
Accuracy	±3%rdg±8dgt
<b>RCD testing</b>	
Test current (Test current duration)	× 1/2, × 1 FAST: 10, 30, 100, 300, 500mA (2000ms) DC: 150mA(50ms)
Auto ramp	10,30,100,300mA (2000ms), 500mA(200ms) Goes up by 10% from 20% to 110% of IΔn. 300ms × 10
Rated voltage	230V+10%, -15% 50Hz
Accuracy	Test current × 1/2 : -8%, -2% × 1, Fast : +2%, +8% DC : ±10% Auto ramp: ±4%
Trip time	±1%rdg±3dgt
<b>Uc testing</b>	
Measuring range	100V
Rated voltage	230V +10%, -15% [50Hz]
Test current	5mA at IΔn=10mA 15mA at IΔn=30/100mA 150mA at IΔn=300/500mA
Accuracy	+5% to +15%rdg±8dgt
<b>General</b>	
Applicable Standards	IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61557-1,2,3,4,6,10, IEC 60529 (IP40)
Power source	R6 or LR6 × 8
Dimensions	115(L) × 175(W) × 86(D) mm
Weight	840g approx.
Accessories	7122B (Test leads) KAMP10 (Test lead with IEC connector)* 8923 (Fuse[0.5A/250V] × 1 (included), 1 (spares) 9092 (Cord case) 9121 (Shoulder strap) Shoulder pad Instruction manual R6(AA) × 8
Optional	7133B (Distribution board test leads) 8212-USB (USB adaptor with "KEW Report (Software)")

\* KAMP10(EU):European SHUKO plug KAMP10(UK):British plug(13A)  
KAMP10 (AU):Australian plug KAMP10(SA):South african plug

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