Order code: 696010B

Kyoritsu 6010B 5-in-1 multifunction tester

The Kyoritsu 6010B is a digital multifunction tester with 5-in-1 test functions:- Continuity, Insulation, Loop, RCD and Contact voltage (Uc). This multifunction tester is supplied with standard test leads, cord case, shoulder strap, batteries and factory calibration certificate.

Features at a glance

- Continuity testing - 200mA short circuit current.
- Insulation testing - 500V and 1000V DC test voltages.
- Loop testing – 15mA test current on 2000Ω range.
- RCD testing - 10/30/100/300/500mA ranges, Fast Trip (150mA), Auto Ramp and DC sensitive RCD's
- Contact voltage (Uc) up to 100V.
- Mains voltage indication on Loop, RCD and Uc test.
- Live circuit warning and correct wiring check indicators.
- Built-in memory to save up to 300 test results.
- Optional USB adaptor and software (KEW Report)

Specifications

Continuity testing

Measuring range	20/200Ω (Auto-ranging)
Open circuit voltage	>6V
Short circuit current	>200mA
Accuracy	±(3%rdg+3dgt)

Insulation resistance testing

Measuring range	20/200MΩ(Auto-ranging)
Test voltage	500/1000V
Open circuit voltage	+20%, -0%
Rated current	>1mA
Accuracy	±(3%rdg+3dgt)

LOOP Impedance testing

Impedance range	20Ω/2000Ω
Rated voltage	230V +10%, -15% [50Hz]
Normal test current	20Ω: 25A/10ms
	2000Ω: 15mA/350ms max.
Accuracy	±(3%rdg+8dgt)

RCD testing

Test current	×1/2, ×1	10, 30, 100, 300, 500mA (2000ms)
	FAST	150mA(50ms)
	DC	10,30,100,300mA (2000ms), 500mA(200ms)
	Auto ramp	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)

Uc testing

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%, +15%rdg ±8dgt

General

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	175(L) × 115(W) × 86(D) mm
Weight	840g approx.
Accessories	7122 (Test leads) KAMP10 (Test lead with IEC connector)* 9092 (Cord case) 9148 (Shoulder strap) Shoulder pad Instruction manual R6(AA)× 8

* KAMP10 (AU):Australian plug

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