



Kyoritsu 2012RA digital multimeter

The Kyoritsu 2012R is perfect to clamp wires even in tight spaces with its thin 12mm open jaw, and is designed for electrical and electronic testing in field service.

Features at a glance

- Innovative multimeter with current measurements up to 120A AC/DC
- Ideal for electrical and electronic troubleshooting
- Open jaw technology clamp design allows measurement in tight spaces or crowded cable wiring
- Accurate True RMS readings of AC current and voltage also in presence of harmonics

Specifications

DC V	600.0mV/6.000/60.00/600.0V (Input impedance: approx. 10MΩ) ±1.0%rdg±3dgt
AC V	±1.0%rdg±3dgt ±1.5%rdg±5dgt (45 ~ 400Hz) 60.00/120.0A
DC A	±2.0%rdg±8dgt (60A) ±2.0%rdg±5dgt (120A) AC A 60.00/120.0A
Ω	±2.0%rdg±5dgt (45 ~ 65Hz) 600.0Ω/6.000/60.00/600.0kΩ/6.000/60.00MΩ ±1.0%rdg±5dgt (600Ω/6/60/600kΩ) ±2.0%rdg±5dgt (6MΩ) ±3.0%rdg±5dgt (60MΩ)
Continuity buzzer	Buzzer sounds below 35±25Ω
Diode test	2V±3.0%rdg±5dgt Open-loop voltage: approx. 2.7V
Capacitance	400.0nF/4.000/40.00μF ±2.5%rdg±10dgt
Frequency	(AC A) 100/400Hz ±0.2%rdg±2dgt (100Hz) ±0.1%rdg±1dgt (400Hz) (DC A) 100/1000Hz/10/100/300.0kHz ±0.2%rdg±2dgt (100Hz) ±0.1%rdg±1dgt (1000Hz/10/100/300.0kHz) (Input sensitivity Current: more than 6A Volt- age: more than 6V [~10kHz]/more than 20V [10k~300kHz])
Conductor size	Ø12mm max.
Withstand voltage	3540V AC for 5 seconds
Applicable standards	IEC 61010-1 CAT.III 300V, CAT.II 600V Pollution de- gree 2 IEC 61010-031, IEC 61010-2-032, IEC 61326
Power source	R03 (1.5V) × 2 * Continuous measuring time: DCV: approx. 150hours, ACA: approx. 25hours (Auto power save: approx. 15 minutes)
Dimensions	128 (L) × 92 (W) × 27 (D) mm
Weight	220g approx. (including batteries)
Accessories	R03 (1.5V) × 2, Instruction manual
Optional	9107 (Carrying case [Soft])