



RUGGED 1000V DIGITAL MULTIMETER

Model 2401/2402



Image : 2402

FEATURES

TRMS for accurate measurement on Non -Sinusoidal Waveform (2402 only)

Wide availability of measurement parameters for a variety of purposes

Extra-long battery life

Data Hold, REL Mode and Auto Power off available

Large LCD with backlight

Temperature measurement (2402 only)

Meets International Safety Standards IEC61010-1 CAT III 600V, CAT II 1000V

2402



KOICO 2401/2402 ELECTRICAL SPECIFICATION

Parameter/ Model	2401 (MEAN)	2402 (TRMS)
DC V	400.0mV/4.000/40.00/400.0/1000V Input Impedance :Approx 10MΩ (40/400/1000V), Approx 11MΩ(4V) ≥100MΩ(400mV) Accuracy : ±0.5%rdg ±3dgt	
AC V	400.0mV/4.000/40.00/400.0/1000V Input Impedance :Approx 10MΩ (40/400/1000V), Approx 11MΩ(400mV/4V) Accuracy : ±1%rdg ±5dgt (4/40/400/1000V), ±1%rdg ±10dgt (400mV), Sine Wave (40Hz - 500Hz)	
DC A	400.0/4000μA/40.00/400.0mA/4.000/10.00A Accuracy : ±1%rdg ± 3dgt	
AC A	400.0/4000μA/40.00/400.0mA/4.000/10.00A Accuracy : ±1%rdg ± 5dgt (40-500Hz)	
Resistance	400.0Ω/4.000/40.00/400.0kΩ/4.000/40.00MΩ ±0.5%rdg ± 3dgt (400Ω), ±0.5%rdg ± 2dgt (4/40/400kΩ/4MΩ) , ±1.5% ± 3dgt (40MΩ)	
Continuity	400.0Ω (The buzzer sounds for resistances lower than 90Ω ± 40Ω)	
Frequency	5.000/50.00/500.0Hz/5.000/50.00/500.0kHz/5.000MHz ±0.1%rdg ± 3dgt	
Diode Test	1.000V Open circuit voltage around 1.5V	
Capacitance	50.00/500.0nF/5.000/50.00/100.0μF Accuracy :±1.5%rdg ± 15dgt (50nF), ±2.0%rdg ± 5dgt (500nF) ±5.0%rdg ± 5dgt (5μF/50μF/100μF)	
Temperature	—	-55°C - 700°C
Applicable Standards	IEC61010-1 CAT III 600V, CAT II 1000V	
Operating Temperature	-10°C~50°C,<80% R.H (no condensation) (except temp. measurement)	
Storage Temperature	-20°C~60°C,<70% R.H (no condensation)	
Power Source	1.5V AA x 2	
Dimension and Weight	(LxWxH) 181mm x 91mm x 57mm, Approx 380g (excluding battery)	
Included Accessories	Model No. AR10 (Test Lead), Battery (1.5V AA X 2), Holster, Instruction Manual	Model No. AR10 (Test Lead) Battery (1.5V AA X 2) Holster Model No. AR- 15 (Temperature probe) Instruction Manual

The contents of this leaflet are subject to change without notice. KOICO is powered by Graithim Private Limited, Japan