



TRMS CAT IV MULTIMETER

Model 2520



FEATURES

6000 count digital display with bar graph and backlight

Basic DC V accuracy of 0.08%

AC + DC True RMS reading on both ampere and Voltage function.

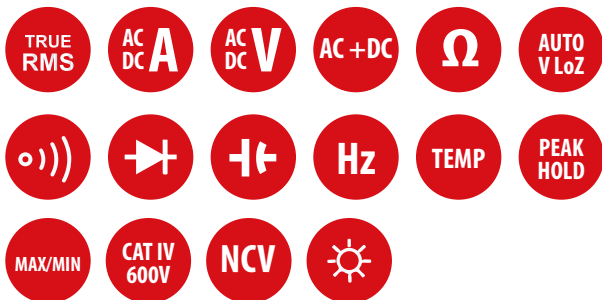
Intelligent designed Data Hold feature to warn user with beeper sound and blinking backlit display

Min Max & Peak Hold function

Special designed LoZ(Low Impedance) feature to prevent false reading caused by ghost voltages.

Non Contact Voltage Detection feature

Shock proof from 4 feet drop.



KOICO 2520 ELECTRICAL SPECIFICATIONS

Parameter	KOICO 2520
Detection Mode	True RMS
DC V	6.000V/60.00V/600.0V/1000V Accuracy: $\pm(0.08\%+2d)$ Input Impedance: 10 M Ω
DC V mV	60.00mV/600.0mV Accuracy: $\pm(0.08\%+5d)$ [60.00 mV] $\pm(0.08\%+2d)$ [600.0 mV] Input Impedance: 10 M Ω
AC V	600.0mV/6.000V/60.00V/600.0V/1000V Accuracy: $\pm(1.2\%+10d)$ at 45Hz~500Hz $\pm(0.8\%+5d)$ at 45Hz~1KHz Input Impedance: 10 M Ω //less than 100pF
DC V + AC V	60.00mV/600.0mV/6.000V/60.00V/600.0V/1000V Accuracy: $\pm(2\%+5d)$ Input Impedance: 10 M Ω
DC A	60.00mA/600.0mA/6.000A/10.00A Accuracy: $\pm(0.8\%+3d)$
AC A	60.00mA/600.0mA/6.000A/10.00A Accuracy: $\pm(1.5\%+3d)$ at 45Hz~1KHz
DC A + AC A	60.00mA/600.0mA/6.000A/10.00A Accuracy: $\pm(2\%+5d)$ at 45Hz~1KHz
Ω	600.0 Ω /6.000K Ω /60.00K Ω /600.0K Ω /6.000M Ω /40.00M Ω Accuracy: $\pm(0.8\%+5d)$ 600.0 Ω $\pm(0.8\%+2d)$ 6.000K Ω / 60.00K Ω / 600.0K Ω / 6.00M Ω $\pm(1.5\%+5d)$ 40.00M Ω
Auto-V LoZ	600.0V/ 1000V Accuracy: $\pm(0.8\%+3d)$ at 45Hz~1KHz Input Impedance: Approx. 3k Ω
Continuity Buzzer	Buzzer sounds <20 Ω and sounds off >200 Ω
Diode Test	1.5V/Open circuit voltage: Approx. 1.8V
Capacitance	1.000 μ F/10.00 μ F/100.0 μ F/1.000mF/10.00mF Accuracy: $\pm(1.2\%+5d)$ [1.000 μ F] $\pm(1.2\%+2d)$ [10.00/100.0 μ F/1.000/10.00mF]
Frequency	100.00Hz/1000.0Hz/10.000KHz/100.00KHz Accuracy: $\pm(0.1\% + 2d)$
Temperature	-40 $^{\circ}$ C~400 $^{\circ}$ C Accuracy: $\pm(1\%+20d)$
Applicable standards	Complies with EN 61010 CAT IV 600V, CAT III 1000V, EN 61326-1
Shock Vibration	Sinusoidal vibration per MIL-PRF-28800F (5-55Hz, 3g max)
Operating Temperature	Operating temperature: -10 $^{\circ}$ C ~ 50 $^{\circ}$ C 10 $^{\circ}$ C ~ 30 $^{\circ}$ C ($\leq 80\%$ RH), 30 $^{\circ}$ C ~ 40 $^{\circ}$ C ($\leq 75\%$ RH), 40 $^{\circ}$ C ~ 50 $^{\circ}$ C ($\leq 45\%$ RH)
Storage Temperature	Storage temperature: -20 $^{\circ}$ C to 60 $^{\circ}$ C, 0 to 80% RH
Power source	Single 9V battery (NEDA 1604A or IEC 6LF22)
Dimensions	(LxWxH) 190mm x 94mm x 48 mm, with holster
Weight	460g(including battery)
Included Accessories	Model No. AC-91 (Test Leads), Model No. AC-80 (Alligator Clips), Model No. AR-16(Temperature Probe), Protective holster, Magnetic Hanging Kit, ZnC battery (9V), Instruction Manual