

NEW

Model 2520

TRMS INDUSTRIAL MULTIMETER



FEATURES

- 6000 count digital display with bar graph and white backlight
- Basic DC V accuracy of 0.08%
- AC + DC TRMS 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.

CE



KOICO 2520 ELECTRICAL SPECIFICATION

Parameters	KOICO 2520
Detection Mode	TRMS
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: $\pm (1.2\%+10d)$ 600.0mV (45Hz~500Hz) $\pm (0.8\%+5d)$ 6.000V (45Hz~500Hz) $\pm (0.8\%+5d)$ 60.00V / 600.0V / 1000V (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: $\pm (1.2\%+3d)$ 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°C~400°C, Accuracy: $\pm (1\%+20d)$
Applicable standards	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°C ~ 50°C 10°C ~ 30°C ($\leq 80\%$ RH), 30°C ~ 40°C ($\leq 75\%$ RH), 40°C ~ 50°C ($\leq 45\%$ RH)
Storage Temperature	Storage temperature: -20 °C to 60 °C, 0 to 80% RH
Power source	Single 9V battery (NEDA 1604A or IEC 6LF22)
Dimensions	94mm(W) x 190mm (L) x 48 mm(H), with holster
Weight	460g (including battery)
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