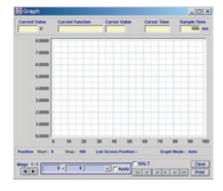
B4000 50,000 count Digital DMM with RS232

- 50,000 count 4-4/5 digit Dual display LCD
- Auto calibration and analog bar graph
- Measures Frequency, duty cycle and pulse width
- RS-232 interface with software
- AC and AC+DC true rms voltage and amps readings
- Conductance and Peak detect
- Tests Zener diodes to 25V
- Min/Max/Avg and Compare functions
- Stores and Recalls 10 measurements in memory
- Low voltage Ohms measurement
- 0.05% Basic accuracy
- Category II 600Volt and CE approved







B4000

Software Interface Screens

SPECIFICATIONS

[B4000]

mV DC:

Ranges: 500mV, 2500mV Accuracy: $\pm (0.05\% + 5d)$ Best Resolution: 10µV

DC Volts:

Ranges: 5.V, 50 V, 500V, 1000V Accuracy: $\pm (0.05\% + 5d)$ Best Resolution: 100µV AC and AC + DC mV: Ranges: 500mV

AC mV Accuracy: ±(0.75% + 20d)

AC+ DC mV accuracy: ±(2.0% + 50d) Best Resolution: 10µV

AC and AC + DC Volts: Ranges: 5.V to 750V

AC Volts Accuracy: ±(0.75% + 20d) AC + DC Volts accuracy: ±(2.0% + 50d) Crest factor: Sine wave: 1.414

DC Current:

Ranges: 5000µA, 500mA, 10A Accuracy: ±(0.2% + 5d)

AC and AC+DC True RMS Current: Ranges: 5000µA, 500mA, 10A

AC Amp Accuracy: ±(0.75%+ 2d) 50Hz to 1KHz AC + DC Amp Accuracy: ±(1.5% + 50d) DC to 1KHz

Ranges: 50Ω to $50M\Omega$ (50Ω range is 5,000 count)

Accuracy: $\pm(0.2\% + 5d)$

Best Resoluton: $10m\Omega$ Open Circuit Votage: 2.5V

Resistance: Lo Volt Ohms: (All ranges are 5,000 count)

Ranges: $5K\Omega$ to $50M\Omega$ Accuracy: $\pm(0.5\% + 5d)$ Best Resolution: 1Ω Open Circuit Voltage. 0.25V

Conductance: Range: 500ns Accuracy: ±(3% + 5d) Best Resolution: 0.1ns

Capacitance: (All ranges are 5,000 count) Ranges: 5nF to 5000µF

Accuracy: ±(3% + 5d) Best Resolution: 1pF Zener Diode Test: Range: 15.00V Test Current: 1mA Test Voltage: 15 to 22V Accuracy: ±(5% + 10d) Continuity Test:

Ranges: $5K\Omega$ to $5M\Omega$ Buzzer will sound <0.1% of full scale of each range

Temperature:

Ranges: -20°C to 1200°C, -4°F to 2100°F,

-253°K to 1473°K Thermocouple: K type Display: °F, °C, and °K Accuracy: ±(2°C + 10d) Frequency: (50Hz and 500Hz ranges are 5,000 count)

Ranges: 50Hz to 5MHz Accuracy: ±(0.01% + 5d) Best resolution: 0.01Hz Sensitivity: 2Vrms or 4V P-P Max

Range: 200ms Accuracy: ±(0.1% + 5d) Best Resolution: 10µs **Duty Cycle:**

Pulse Width:

Range: 0 to 100% Accuracy: ±(0.1% + 5d) Best Resolution: 0.01%

Functions: DCV, DC µA, DC mA, DCA

Accuracy: < 10% of peak with > 5ms pulse width and > 10% of

full scale

General Specifications Update Rate: 2/sec Operating Temperature:

0°C to 40°C at a relative Humidity of < 80%

Power: 120/220V, 50/60Hz Size: 3.7"H x 11.0" W x 9.6" D

Weight: 5 lbs

Supplied Accessories:

Carrying case, protective holster, User manual, Safety probes with alligator tips, RS-232 Cable and software CD ROM

Optional Accessories

Temperature adapter, K type temperature probe, carrying case,

Line cord

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Protek: