

DIGITAL MULTIMETER

Protek 506

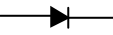

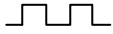


3 3/4Digit, 4000 count auto-ranging with analog bar graph, 9,999 (10MHz) count frequency count and full enunciators.

FEATURES

- True RMS Mode
- Dual Display for Frequency AC Voltage and Temperature
- RS232C Interface
- 10 Location Memory
- Time Mode with Alarm Clock and Stop Watch
- MIN. MAX. AVG. and Relative Mode
- Decibel Measurement
- Capacitance and Inductance Measurement
- Temperature Mode (°C/°F)
- Pulse Signal Injection Function for Logic and Audible Testing
- Continuity and Diode Test
- Logic Test
- Auto Power Off and "Keep On" Mode
- Fused 20A Input with Warning Beeper
- Back Light
- Data Hold and Run Mode
- Low Battery Indication Mode
- Overload Protection and Safety Design in Compliance with UL 1244 and VDE-0411

SPECIFICATIONS

DC VOLTAGE	Range	400mV	4V, 40V, 400V, 1000V	
	Resolution	0.1mV	1mV, 10mV, 100mV, 1V	
	Accuracy	0.3%+2d	0.5%+2d	
AC VOLTAGE	Range	400mV	4V, 40V, 400V, 750V	
	Resolution	0.1mV	1mV, 10mV, 100mV, 1V	
	Accuracy	1%+3d	1.5%+5d	
DC CURRENT	Range	400uA, 400mA, 20A		
	Resolution	0.1uA, 0.1mA, 0.01A		
	Accuracy	1%+2d		
AC CURRENT	Range	400uA, 400mA, 20A		
	Resolution	0.1uA, 0.1mA, 0.01A		
	Accuracy	1.5%+3d		
RESISTANCE	Range	400Ω, 4kΩ, 40kΩ, 400kΩ	4MΩ, 40MΩ	
	Resolution	0.1Ω, 1Ω, 10Ω, 100Ω	1kΩ, 10kΩ	
	Accuracy	0.5%+2d	1.5%+2d	
FREQUENCY	Range	10kHz, 100kHz, 1MHz, 10MHz		
	Resolution	1Hz, 10Hz, 100Hz, 1kHz		
	Accuracy	0.01%+2d		
CAPACITANCE	Range	100uF		
	Resolution	0.01uF		
	Accuracy	3%+5d		
INDUCTANCE	Range	0 ~ 20H	20 ~ 50H	50 ~ 100H
	Resolution	0.01H	0.01H	0.01H
	Accuracy	3%+5d	5%+5d	10%+5d
TEMPERATURE	Range	-20°C ~ 1200°C / 0°F ~ 2000°F		
	Resolution	1°C / 1°F		
	Accuracy	3%+3d (10~350°C), 5%+3d (350°C ~ 1200°C)		
dBm	Range	-25dBm ~ +59dBm		
	Resolution	0.01dBm		
	Accuracy	± 0.5dBm		
LOGIC TEST	LOGIC	0.8V ~ 2.0V		
DIODE TEST		TEST VOLT 3.3V MAX.		
CONTINUITY		LESS THAN 100Ω		
SIGNAL OUT		2048Hz, 4096Hz, 8192Hz (4.5 SQUARE WAVE)		
BASIC ACCESSORIES		Carrying Case, Manual, Test leads, Gift Box, Battery, RS232C Cable		
OPTIONAL ACCESSORIES		Holster, Temp. Probe ("K" Type), Temp. Adaptor		