Meter

TEST &
MEASURING
INSTRUMENTS

Digital Multimeter

Protek 506

Features

True RMS

Dual Display for Frequency, AC Voltage and Temperature

10 Location Memories

Min, Max, Avg. and Relative Mode

Decibel Measurement

Temperature Mode (℃ / ℉)

Auto Power off and 'Keep on' Mode

Data Hold and Run Mode

Low Battery Indication Mode

Specification

#	Category	Parameter	Value	Value
1	DC Voltage	Range	400mV	4V, 40V, 400V, 1000V
		Resolution	0.1mV	1mV, 10mV, 100mV, 1V
		Accuracy	0.3% +2d	0.5% + 2d
2	AC Voltage	Range	400mV	4V, 40V, 400V, 750V
		Resolution	0.1mV	1mV, 10mV, 100mV, 1V
		Accuracy	1% + 3d	1.5% + 5d
3	DC Current	Range	400μA, 400mA, 20A	
		Resolution	0.1μA, 0.1mA, 0.01A	
		Accuracy	1% + 2d	
4	AC Current	Range	400μA, 400mA, 20A	
		Resolution	0.1μA, 0.1mA, 0.01A	
		Accuracy	1.5% + 3d	
5	Resistance	Range	400Ω, 4kΩ, 40kΩ, 400kΩ	4MΩ, 40MΩ
		Resolution	0.1Ω, 1Ω, 10Ω, 100Ω	1kΩ, 10kΩ
		Accuracy	0.5% + 2d	1% + 2d
6	Frequency	Range	10kHz, 100kHz, 1MHz, 10MHz	
		Resolution	1Hz, 10Hz, 100Hz, 1kHz	
		Accuracy	0.01% ±2d	
7	Capacitance	Range	100μF	
		Resolution	0.01μF	
		Accuracy	3% + 5d	
8	Temperature	Range	-20℃ ~ 1200℃ / 0°F ~ 2000°F	
		Resolution	1℃ /°F = 32 +(9/5 X ℃)	
		Accuracy	3% + 5d(-20~10℃), 3% + 3d (10~350℃), 5% + 3d(350~1200℃)	
9	dBm	Range	-25dBm ~ +59dBm	
		Resolution	0.01dBm	
		Accuracy	±0.5dBm	
10	Inductance	Range	100H	
		Resolution	0.01H	
		Accuracy	3% + 5d (UP TO 20H), 5% + 5d (UP TO 50H), 10% + 5d (UP TO 100H)	
		Open Circuit	3.2V MAX	
11	Time Count	Range	10 hours	
		Resolution	1 sec	
		Accuracy	0.2% + 1d	
		Display	Secondary Display	
		Alarm	Buzzer Sound	
12	Logic Test	Logic	0.8V ~ 2.0V	
13	Diode Test	⎯▶︎⎯	Test Volt 3.3V Max	
14	Continuity	·)))	Less Than 100Ω	
15	Signal Out	⎍⎍	2048Hz, 4096Hz, 8192Hz (4.5V Square Wave)	
16	Basic Accessories		Carrying Case, Manual, Test Leads, Gift Box, Battery, RS232C Cable	
17	Optional Accessories		Holster, Temp Probe/Adaptor(TP60)	
18	Dimension		88 x 37 x 199 mm	
19	Weight		Approx. 410g	