

Handheld Digital Multimeter

Protek D707T

Protek "D707T" is a successor model of the existing D705T, which significantly improves the performance of the existing product, has a more improved measurement range in line with the high voltage and high current measurement trend, and has further strengthened portability and convenience with an ergonomic design.



Feature

- 6,000 Count Backlight LCD Display
- Enhanced 20A high current measurement
- Multi-measurement of AC/DC voltage, current, resistance, diode, continuity, frequency, temperature, etc.
- Auto/Manual Range, Data Hold, Polarity Display
- Supports MAX, MIN, REL, % functions
- Low battery warning display function
- Auto power off function
- Test lead mounting type silicone case



Specifications

Note	Range	Resolution	Accuracy
DC V	~60.00 mV	0.01 mV	±0.5%+3, Rdg+5dgts, MAX 600 mV
	~600.0 mV	0.1 mV	
	~6.000 V	0.001 V	±0.5%+3, Rdg+5dgts, MAX 1000V
	~60.00 V	0.01 V	
	~600.0 V	0.1 V	
	~1000V	1 V	
	Input Impedance : 10MΩ, CAT III 1000V, CAT IV 600V		
AC V (True RMS)	~60.00 mV	0.01 mV	±(1.0%+3), Rdg+5dgts, MAX 600 mV Frequency Range: 40~ 1kHz
	~600.0 mV	0.1 mV	
	~6.000 V	0.001 V	±(1.0%+3), Rdg+5dgts, MAX 750V Frequency Range: 40~ 1kHz
	~60.00 V	0.01 V	
	~600.0 V	0.1 V	
	~750V	1 V	
	Input Impedance : 10MΩ, CAT III 1000V, CAT IV 600V, Response : Sine Correction RMS AVG		
DC A	~600.0 μA	0.1 μA	±(1.2%+3), Rdg+5dgts, MAX 6000 μA
	~6000 μA	1 μA	
	~60.00 mA	0.01 mA	±(1.2%+3), Rdg+5dgts, MAX 600 mA
	~600.0 mA	0.1 mA	
	~6.000 A	0.001 mA	±(1.2%+3), Rdg+5dgts, MAX 20 A
	~20.00 A	0.01 Ma	
	mA / A type Max Current Protect (Fused 2EA : 600 mA / 20A (About 3sec)		
AC A (True RMS)	~600.0 μA	0.1 μA	±(1.5%+3), Rdg+5dgts, MAX 6000 μA Frequency Range : 40~ 1kHz
	~6000 μA	1 μA	
	~60.00 mA	0.01 mA	±(1.5%+3), Rdg + 5dgts, MAX 600 mA Frequency Range : 40~ 1kHz
	~600.0 mA	0.1 mA	
	~6.000 A	0.001 mA	±(1.5%+3), Rdg + 5dgts, MAX 20 A Frequency Range : 40~ 1kHz
	~20.00 A	0.01 mA	
	mA / A type Max Current Protect (Fused 2EA : 600 mA / 20A (About 3sec) Response : Sine Correction RMS Average,		
Ohm (Resistance)	~600.0 Ω	0.1 Ω	±(0.5%+3), Rdg + 5dgts, MAX 60MΩ
	~6.000 kΩ	0.001 kΩ	
	~60.00 kΩ	0.01 kΩ	
	~600.0 kΩ	0.1 kΩ	
	~6.000 MΩ	0.001 MΩ	
	~60.00 MΩ	0.01 MΩ	±(1.5%+3), Rdg + 5dgts, MAX 60MΩ
	Response : About 3sec, 0.3V open, 0.25mA shorted		

Capacitance	~9.999 nF	0.001 nF	±(5.0%+20), Rdg + 5dgts, MAX : 9.999 mF
	~99.99 nF	0.01 nF	±(2.0%+5), Rdg + 5dgts, MAX : 9.999 mF
	~999.9 nF	0.1 nF	
	~9.999 μF	0.001 μF	
	~99.99 μF	0.01 μF	
	~999.9 μF	0.1 μF	±(5.0%+5), Rdg + 5dgts, MAX : 9.999 mF
~9.999 mF	0.001 mF		
Frequency	~99.99 Hz	0.01 Hz	±(0.1%+5), Rdg + 5dgts, MAX : 9.999 MHz
	~999.9 Hz	0.1 Hz	
	~9.999 kHz	0.001 kHz	
	~99.99 kHz	0.01 kHz	
	~999.9 kHz	0.1 kHz	
	~9.999 MHz	0.001 MHz	
Temperature (°C/°F)	-20~ 1000 °C	1 °C	±(2.5%+5), Rdg+5dgts, MAX : 1000°C
	-4~ 1832 °F	1 °F	±(2.5%+5), Rdg+5dgts, MAX : 1832°F
Continuity	50 Ω Low Buzzer	0.3V open, 0.25mA shorted, Response : About 0.1msec	
Diode	~3.2V	0.001V	±(2.0%+5), Rdg+5dgts, MAX : 3V
Duty Cycle	1~ 99%	0.1%	±(0.1%+2)
Support	Automatic power off (10 minutes), Data hold, Measurement Range setting, OL Display, Polarity automatic display, Low battery display.		
	REL, MIN, MAX, %, Manual Range measurement function supported		

Device Specifications

Display	6,000 Count (Update : 3sec), Backlight Mono LCD Display
Power	1.5V AA Size Alkaline * 2EA, continuous use time : About 100 Hour
Material	ABS & PC
Safety	EN 16010-1 : 2010; EN 61326-1: 2013; FCC Part 15 subpart B : 2016, CE Certificate
Size	About 180mm(H) x 90mm(W) x 45mm(D) / 345g (Battery Not include)
Environment	Use/Storage Temperature: Within 10~39°C, Humidity: Within RH 80%
Accessories	Testlead kit 1 set, Manual

Product specifications and design are subject to change without prior notice to improve performance and quality.

