



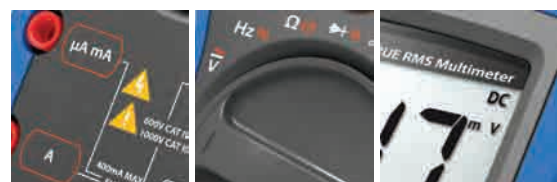
Meter

TEST &
MEASURING
INSTRUMENTS

Digital Multimeter

Protek D705T

With CE/UL certification and IEC 1010-2-032 CATIII 1000V, CATIV 600V, Protek D705T is a compact true-RMS digital multi-meter for exact and quick measurement in electrical and electronic test field as well. Protek D705T not only delivers advanced troubleshooting capabilities but gives full value to users.



Features

True RMS	Measures DC Voltage to 1000V, AC Voltage to 1000V, AC Voltage to 1000V and Resistance to 40MΩ
25 Segment Bar Graph	
Back-lit Display (White LED)	K-Type Thermocouple Temperature Measurements
AC/DC μA Measurements	IEC 1010-2-032, CATIII 1000V CATIV 600V Safety Protection
Capacitance Measurements	5000 Count LCD Display (Black & White STN)
Data Hold and Range Hold	MAX/MIN/AVG Mode (Sampling Rate : 100ms)
Auto Power Off Function (30min)	Frequency and Duty Cycle Measurements
Diode and Continuity Beeper Tests	



Specification

1	DC Voltage	Range	500mV	5V	50V	500V	1000V	
		Resolution	0.1mV	0.001V	0.01V	0.1V	1V	
		Accuracy	±(0.09%+2d)	±(0.09%+5d)	±(0.09%+2d)	±(0.09%+2d)	±(0.09%+2d)	
2	AC Voltage	Range	500mV	5V	50V	500V	1000V	
		Resolution	0.1mV	0.001V	0.01V	0.1V	1V	
		Accuracy (45Hz ~ 500Hz)	±(0.8% + 5d) True RMS					
		(500Hz ~ 1kHz)	±(1.0% + 5d) True RMS					
3	DC Current	Range	500μA	5000μA	50mA	400mA	5A	10A
		Resolution	0.1μA	1μA	10μA	100μA	1mA	10mA
		Accuracy	±(1.0% + 3d)					
4	AC Current	Range	500μA	5000μA	50mA	400mA	5A	10A
		Resolution	0.1μA	1μA	10μA	100μA	1mA	10mA
		Accuracy (45Hz ~ 500Hz)	±(0.8% + 5d) True RMS				±(1.5%+10d) True RMS	
		(500Hz ~ 1kHz)	±(2.0% + 5d) True RMS				±(2.0%+10d) True RMS ±(2.0%+5d) True RMS	
5	Resistance	Range	500Ω	5kΩ	50kΩ	500kΩ	5MΩ	50MΩ
		Resolution	0.1Ω	0.001kΩ	0.01kΩ	0.1kΩ	0.001MΩ	0.01MΩ
		Accuracy	±(1.0% + 5d)					
6	Diode Test	Range	2V					
		Resolution	0.001V					
		Accuracy	±(2.0% + 5d)					
7	Temperature	Range	-40°C ~ 400°C			-40°F ~ 752°F		
		Resolution	0.1°C			0.1°F		
		Accuracy	±(3.0% + 3.0°C)			±(3.0% + 5.4°F)		
8	Frequency	Range	9.999Hz	99.99Hz	999.9Hz	9.999kHz	99.99kHz	999.9kHz
		Resolution	0.001Hz	0.01Hz	0.1Hz	1Hz	10Hz	100Hz
		Accuracy	±(0.1% + 3d)					
9	Sensitivity	Vpp = ±300mV (Square wave input)						
10	Duty	Range	1.0% ~ 99.0%					
		Resolution	0.1%					
		Accuracy	0.5Hz to 300 kHz (Pulse width > 3μsec)				(0.1%+0.05% per kHz+1count) for ±600mV p-p Square wave input	
11	Capacitance	Range	40nF	400nF	4μF	40μF	400μF	4000μF
		Resolution	0.01nF	0.1nF	0.001μF	0.01μF	0.1μF	1μF
		Accuracy	±(3.0% + 10d)					
12	Continuity Test	Range	500Ω	Threshold	Response time			
		Resolution	0.1Ω					
		Accuracy	±(1.0% + 5d)	Approx. 25Ω	1msec			