

PD-750/751

This range of **PROMAX** digital multimeters, has been designed in agreement with the most demanded requirements of quality, to fulfill the safe standards more rigorous.

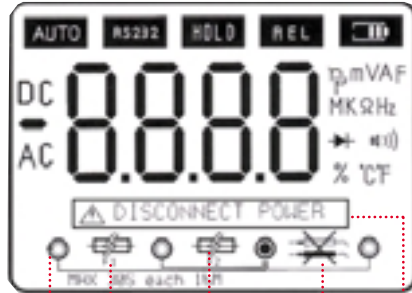
Joining the basic characteristics of a professional instrument, such as a high precision, reliability and a wide range of measures.

The display system with a LCD type visualizer of great size as well as the facility of handling, allows their use in laboratories as in production chains. Their use reliability also does them very indicated for the education. The models of series 700, are able to measure voltage, AC/DC current, resistance, capacity and frequency. They have, among others autorange, functions to test diodes and continuity check and also include connection to PC. Model **PD-751** in addition, can measure temperature and offers true effective values (RMS).

Its construction in ABS antishock material with case and holster protector included, guarantees a high resistance to shocks and falls.



**FULL SIZE
SCREEN
70 x 50 mm**



SAFE INDICATIONS ON SCREEN



SPECIFICATIONS	PD-750	PD-751
DC Voltage		
Ranges	400 mV, 4 V, 40 V, 400 V, 1000 V	
Resolution	0,1 mV, 400 mV range	
Basic accuracy	0,3% (ranges from 400 mV to 400 V)	0,1% (ranges from 4 V to 400 V)
AC Voltage		
Ranges	400 mV, 4 V, 40 V, 400 V, 700 V	
Resolution	0,1 mV, (400 mV range)	
Basic accuracy	± (1,5 % reading + 5 digits) 40 Hz to 500 Hz	± (1,2 % reading + 5 digits) 40 Hz to 1 kHz
DC Current		
Ranges	400 µA, 4000 µA, 40 mA, 400 mA, 20 A	
Resolution	0,1µA, 400µA range	
Accuracy	± (1,2 % reading + 10 digits)	
AC Current		
Ranges	20 mA, 200 mA, 20 A	40 mA, 400 mA, 20 A
Resolution	400µA, 4000 µA, 40 mA, 400 mA, 20 A	
Accuracy	0,1µA, 400µA range ± (1,5 % range + 10 digits) 40 Hz to 1 kHz	
Resistance		
Ranges (Ω)	400 Ω, 4 kΩ, 40 kΩ, 400 kΩ, 4 MΩ, 40 MΩ	
Resolution	0,1Ω, 400 Ω range	
Accuracy	± (0,5 % reading + 5 digits)	
Capacitance		
Accuracy	40 nF, 400 nF, 4 µF, 40 µF, 100 µF 2% + 10 digits	
Diode test		
Resolution	1 mV	
Voltage	5 V maximum	
Frequency (Hz)	5 , 50 , 500, 5 k, 50 k, 500 k, 5 M, 10 M	
Temperature	-	-20 to 100 °C, ± (3° + 5 digits) 400 to 1370 °C ± (3 % reading + 5 digits)
Safe indications on screen	Test leads position indicator, Error warning due to wrong connections, Fuses status, Indication Disconnect power	
General		
True effective value (RMS)	-	Yes
LCD screen	3 3/4 digits, 4000 points	
Function measurement range	Automatic or manual	
Power supply	1x 6F22 9 V battery	
Mechanical features		
Dimensions and Weight	92 (W.) x 192 (H.) x 35 (D.) mm, 350 g 92 (W.) x 192 (H.) x 35 (D.) mm, 350 g	
Included accessories	Test leads, RS-232C cable, Floppy disk for PC data downloading, Protective rubber holster, Transport case, Instruction manual, Thermocouple K-type probe (PD-751)	



PANORAMIC SERIES DISPLAY

The **PROMAX PD-755** has been designed in agreement with the strictest requirements of quality, to agree to the more rigorous security standards.

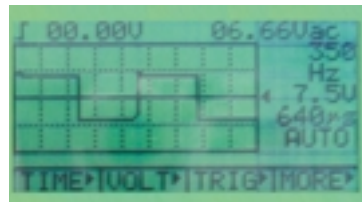
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OSCILLOSCOPE FUNCTION!

PD-755



SPECIFICATIONS PD-755	Range	Resolution	Accuracy
Multimeter mode			
DC Voltage	400 mV, 4 V, 40 V, 400 V, 1000 V	0,1 mV	±(0,75% + 10 digits)
AC Voltage	400 mV, 4 V, 40 V, 400 V, 700 V	0,1 mV	±(1% + 10 digits)
DC Current	400 mA, 20 A	100 µA	±(1,2% + 10 digits)
AC Current	400 mA, 20 A	100 µA	±(1,5% + 10 digits)
Resistance (Ω)	400, 4k, 40 k, 400 k, 4 M, 40 M	0,1Ω	±(1,0% + 5 digits) up to 4 MΩ
Capacitance	4, 40, 400 nF, 4 µF, 40 µF, 400 µF, 4 mF	1 pF	±(3,0% + 5 digits)
Frequency	1 kHz, 100 kHz	1 Hz	±(0,1% + 5 digits)
Logic TTL, CMOS (3 V), CMOS (5 V)			
TTL Output	10 Hz-20 kHz (adjustable)	1 Hz	±(1,2% + 5 digits)
Signal pulse width	4 msec, 1 second	1µ sec	±(3% + 5 digits)
"Duty Cycle"	1-100%	0,1%	±(3% + 5 digits)
Continuity check	<40 Ω		
Digital Storage Oscilloscope mode			
Bandwidth	DC a 100 kHz, 1 channel		
Sample rate	1 Meg. Samples per second		
Divisions	±2 vertical, 9 horizontal		
Record length	25 divisions		
Time base	5 µseg. to 2,6 seg. per division (20 steps)		
Vertical	V, 75 mV to 500 V (17 steps), A, 75 mA to 30 A (8 steps)		
Glitch capture	500 nseg. (minimum)		
Trigger	Level adjustable ±2 divisions (in 0,1 steps), (Positive or negative edge moving trigger)		
Common			
Display	128x64 pixel graphic LCD		
Viewing Area	(72 x 40 mm)		
Measurement rate	Digital: 4 times/sec., Bargraph: 7 times/sec.		
Auto Power Off	30 minutes		
Overrange	Indicates "OVER"		
Power	6 size AA cells, 6 size AA NiCd batteries, 3 dual cell NiCd Battery Packs or AC adaptor		
Hold	Captures displayed measurement		
Mechanical features			
Dimensions	3.6x7.6x2.2 inches (92x192x55mm)		
Weight	450 g		
Accessories	Test leads, RS-232C Cable, Floppy disk for PC data dumping, Protective rubber holster, Transport case, Instruction manual, Ni-Cd battery pack, Battery charger and DC adapter		



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