

Test Bench® High Performance DMM

High Quality, Ruggedized Multifunction

High performance and value priced, the Test Bench® Series offers more features for the dollar than other multimeters. These meters include Component Test capabilities, Resistance, Diode Test and Capacitance, in addition to measuring Frequency, Temperature and a Logic Indicator. See the chart below for the meter that best fits your needs. Dual injection molding process allows a better grip and protection for the meters. CE marked and UL listed.

Common Features

- † Resistance measurement
- † Diode check
- † Frequency measurement
- † Audible continuity
- † All current ranges fused
- † Ruggedized case
- † Auto power off
- † Designed to meet IEC61010-1
CATIII 1000V, class 2



391A

390A

389A

388B

Features

	models			
	391A	390A	389A	388B
Basic Functions				
True RMS	√			
Ranging	Manual	Auto/Manual	Auto/Manual	Manual
DCV Accuracy	0.05%	0.1%	0.25%	0.5%
AC/DC Voltage and Current	√	√	√	√
Display Digits, Count	4 1/2, 20000	3 3/4, 4000	3 3/4, 4000	3 3/4, 4000
Bar Graph (41 Segment)		√	√	
Capacitance Measurement		√	√	√
Transistor Test				√
Temperature Probe		√		
Logic Probe	√			√
Relative Mode		√	√	
Min/Max Hold		√	√	
Peak Hold		√	√	
Data Hold	√	√	√	
RS-232		√		

Specifications

	models			
	391A	390A	389A	388B
Volts	True RMS reading			
DC Ranges	200mV, 2V, 20V, 200V, 1,000V	400mV, 4V, 40V, 400V, 1,000V		
AC Ranges	200mV, 2V, 20V, 200V, 750V	400mV, 4V, 40V, 400V, 750V		
Resolution	10μV, 100mV, 1 mV 10mV, 100mV	100μV, 1mV, 10mV, 100mV, 1V		
DC Accuracy	±(0.05% + 3 dgt)	±(0.1% rdg + 2 dgt)	±(0.25% rdg + 2 dgt)	±(0.5% rdg + 1 dgt)
AC Accuracy	±(1% + 10 dgt.) 50Hz-500Hz	400mV: ±(1.2% rdg + 5 dgt)		±(1.2% rdg + 4 dgt)
	±(2% + 10 dgt.) 500Hz - 2kHz,	50Hz-100Hz		750V: ±(2% rdg + 4 dgt)
	500Hz on 750V range	±(1.0% rdg + 3 dgt) 50Hz-500Hz	>10% of range at 200mV range	±(1.5% rdg + 3 dgt) 500Hz-1 kHz
Overload Protection	1200VDC or AC rms	1100VDC or AC rms		1200VDC or AC rms
	500VDC/AC rms 15 sec			500VDC/AC rms 15 sec
	on 200mV range			on 200mV range
Input Impedance	10M	400mV: >100M , 4V: 10M ,	40V - 1000V: 9.1M	10M

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