



17702H

Features

- Auto / Manual
- 4000 Counts LCD
- Basic DC Accuracy : 0.3%
- More than 45 Measuring Ranges
- Frequency Measurement : 10Hz to 4 MHz
- Duty Cycle : 10% ~ 90%
- Resistance : 0.1Ω to 40MΩ
- Capacitance : 4nF to 40μF
- Measures AC Voltage in dBm or Volts
- Data HOLD / MAX / MIN
- Relative Measurement
- Pulse Widths
- Logic Test
- HFE Test
- Diode Test
- Audible Continuity
- Dynamic Recording
- Communication : USB Cable
- Auto Power Off

General Specification

- Power : One 9V Battery
- Weight : 296gms including Battery (approx.)
- Dimension : 178 x 88 x 43mm (approx.)
- Safety / Compliance : IEC 61010 CAT II
- Accessories : Instruction Manual, Pair of Test Leads, Holster, Battery (installed), USB Cable & Software CD

Meter View Software

Display Graphs, Real Time Values, Analog Indication and Digital Values Simultaneously Software has special features like :

- AUTO Amplitude Scale
- AUTO Sample Scale
- DATA Log
- Virtual LCD & Analog Meter

Electrical Specification

Range	Resolution	Accuracy	Note
DC Voltage			
400mV	100μV	± (0.3% rdg + 4 dgt)	Input Impedance : 10MΩ in parallel with < 50 PF Overload Protection 1000V DC / 750V AC
4V	1mV	± (0.5% rdg + 5 dgt)	
40V	10mV		
400V	100mV	± (0.5% rdg + 3 dgt)	
1000V	1V	± (0.5% rdg + 4 dgt)	
AC Voltage, AC Response : 50 ~ 500Hz			
400mV	100μV	± (0.5% rdg + 4 dgt)	Input Impedance : 10MΩ in parallel in parallel with < 50 PF Overload Protection 1000V DC / 750V AC
4V	1mV	± (0.5% rdg + 3 dgt)	
40V	10mV	± (0.8% rdg + 5 dgt)	
400V	100mV	± (0.6% rdg + 3 dgt)	
750V	1V	± (0.8% rdg + 4 dgt)	
DC Current			
400μA	100nA	± (0.8% rdg + 5 dgt)	Fuse : F 500mA / 250V
4mA	1μA	± (0.6% rdg + 3 dgt)	
40mA	10μA	± (1.2% rdg + 5 dgt)	
400mA	100μA		Fuse : F 12A / 250V
4A	1mA	± (0.8% rdg + 5 dgt)	
10A	10mA	± (1.0% rdg + 5 dgt)	
AC Current, AC Response : 50 ~ 500Hz			
400μA	100nA	± (1.0% rdg + 5 dgt)	Fuse : F 500mA / 250V
4mA	1μA		
40mA	10μA	± (1.5% rdg + 5 dgt)	
400mA	100μA		Fuse : F 12A / 250V
4A	1mA	± (1.0% rdg + 5 dgt)	
10A	10mA	± (1.2% rdg + 5 dgt)	
Resistance (Ω)			
400Ω	100mΩ	± (0.4% rdg + 5 dgt)	Overload Protection 250V DC / AC
4KΩ	1Ω		
40KΩ	10Ω	± (0.3% rdg + 3 dgt)	
400KΩ	100Ω		
4MΩ	1KΩ	± (0.6% rdg + 3 dgt)	
40MΩ	10KΩ	± (1.5% rdg + 5 dgt)	
Capacitance			
4nF	1 PF	± (3.0% rdg + 40 dgt)	Overload Protection 250V DC / AC
40nF	10 PF		
400nF	100 PF	± (3.0% rdg + 10 dgt)	
4μF	1 nF		
40μF	10 nF		
Frequency (Hz)			
400Hz	0.1 Hz	± (0.1% rdg + 4 dgt)	OL Protection : 250V DC / AC Sensitivity : 50mV rms (400Hz, 4KHz, 40KHz) 100mV rms (400KHz) 250mV rms (4MHz)
4KHz	1 Hz		
40KHz	10 Hz		
400KHz	100 Hz		
4 MHz	1 KHz		
Range Accuracy Note			
Duty Cycle, for 10Hz to 100KHz		± (2 dgt / KHz + 2 dgt)	OL Protection : 250V DC / AC
Pulse Widths, for 10Hz to 100KHz			
1μs ~ 90 ms		± (5% rdg + 2 dgt)	OL Protection : 250V DC / AC
dBm, 20mV to 750V RMS at 50 / 60 Hz			
0 ~ +62dB		± (0.3% dBm + 2 dgt)	OL Protection : 250V DC / AC

Analog & Digital Display



Data Logging / Recording



Note: Specifications are subject to change.

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