

## TECHNICAL SPECIFICATIONS

Function	Range & Resolution	Accuracy (% of reading ± no. of dgts)
AC Current	40.00 AAC	± (2.5% + 10 digits)
	400.0 AAC	± (2.5% + 5 digits)
	1000 AAC	± (3.0% + 4 digits)
DC Voltage	400.0 mVDC	± (0.8% + 3 digits)
	4.000 VDC	± (1.5% + 3 digits)
	40.00 VDC	
	400.0 VDC	
	600 VDC	± (2.0% + 3 digits)
AC Voltage	400.0 mVAC	± (0.8% + 20 digits)
	4.000 VAC	± (1.8% + 5 digits)
	40.00 VAC	
	400.0 VAC	
	600 VAC	± (2.5% + 5 digits)
	Resistance	400.0 Ω
4.000 KΩ		± (1.5% + 2 digits)
40.00 KΩ		
400.0KΩ		
4.000 MΩ		± (2.5% + 3 digits)
40.00 MΩ	± (3.5% + 5 digits)	
Capacitance	40.00nF	± (5.0% + 100 digits)
	400.0nF	± (3.0% + 5 digits)
	4.000μF	± (3.5% + 5 digits)
	40.0μF	
	100.μF	
Frequency	5.000Hz	± (1.5% + 5 digits)
	50.00Hz	± (1.2% + 5 digits) Sensitivity: 10Vrms min.
	500.0Hz	
	5.000kHz	
	50.00kHz	
	500.0kHz	
	5MHz	
10.00MHz		
Duty Cycle	0.5 to 99.0% Pulse width: 100μs - 100ms	± (1.2% + 2 digits)
Temp (type-K) (Probe accuracy not included)	-20.0 to 400.0°C	± (3.0% + 5°C)
	400 to 1000°C	
	-4.0 to 400.0°F	± (3.0% + 7°F)
	400 to 1832 °F	

Note: No Autoranging & 400mV AC Voltage Range

### OPTIONAL ACCESSORIES:

- Infra-red non contact temperature adaptor to measure temperature from -30°C to 550°C with fixed emissivity of 0.95 and distance to sighting ratio of 8:1. Model TS-03



## GENERAL SPECIFICATIONS

Input Limits	
Function	Maximum Input
A AC	1000A
V DC, V AC	600V DC/AC
Resistance, Diode, Continuity Frequency, Duty Cycle Test	250V DC/AC
Temperature (°C/°F)	60V DC/24V AC

Clamp size	Opening 1.2" (30mm) approx
Diode Test	Test current of 0.3mA typical; Open circuit voltage 1.5V DC
Continuity Check	Threshold <100Ω; Test current < 1mA "⚡" is displayed
Low Battery Indication	"OL" is displayed
Overrange Indication	"OL" is displayed
Measurements Rate	2 per second, nominal
Input Impedance	7.8 MΩ (VDC and VAC)
Display	4000 counts Backlit LCD, 3-3/4 digits
AC Current bandwidth	50/60Hz (AAC)
AC Voltage bandwidth	50/60Hz (VAC)
Operating Temperature	14 to 122°F (-10 to 50°C)
Storage Temperature	-14 to 140°F (-30 to 60°C)
Relative Humidity	90% (0°C to 30°C); 75% (30°C to 40°C); 45% (40°C to 50°C);
Altitude	Operating: 3000m; Storage 10,000m
Over voltage	Category III 600V
Battery	One "9V" Battery
Auto Power OFF	Approx. 30 minutes
Dimensions/Weight	229 x 80 x 49 mm / 303g
Data Hold	To freeze the displayed data
Safety:	For indoor use and in accordance with Overvoltage Category II, Pollution Degree 2. Category II includes local level, appliance, portable equipment, etc., with transient overvoltages less than overvoltage Cat III

\*Technical Specifications & Appearance are subject to change without prior notice