

Features

- 4000 counts
- Multifunctions including: DCV, ACV, Resistance, Frequency, Duty Cycle, Continuity, Diode Test with Relative function
- Data Hold
- Auto Power Off

Specifications

Electrical Specifications

Function	Range	Accuracy
DC Voltage	400.0mV	$\pm(0.7\% \text{ rdg} + 3\text{d})$
	4.000V, 40.00V,	$\pm(1.0\% \text{ rdg} + 3\text{d})$
	400.0V—600V	$\pm(1.3\% \text{ rdg} + 3\text{d})$
AC Voltage 40-400Hz	4.000V, 40.00V	$\pm(1.0\% \text{ rdg} + 10\text{d})$
	400.0V— 600V	$\pm(2.3\% \text{ rdg} + 5\text{d})$
Resistance	400.0 Ω 4.000k Ω , 40.00k Ω , 400.0k Ω	$\pm(2.0\% \text{ rdg} + 5\text{d})$
	4.000M Ω	$\pm(5.0\% \text{ rdg} + 5\text{d})$
	40.00M Ω	$\pm(10.0\% \text{ rdg} + 5\text{d})$
Frequency	5.000Hz, 50.00Hz, 5000.0Hz, 5.000kHz, 50.00kHz, 500.0kHz, 10MHz	$\pm(2.0\% \text{ rdg} + 5\text{d})$
Duty Cycle	0.1-99%	2.0%+5d

Max input voltage 600V AC/DC

Input Sensitivity, 10Vrms min. <9.999KHz

(Frequency Ranges) 40Vrms min. >99.99KHz


Diode Test Test current 1mA max., open circuit voltage

Continuity Check Audible signal if the resistance is <50 Ω

Display 4000 count 3 $\frac{3}{4}$ digit LCD

Over range indication LCD displays “OL”

Polarity Minus (-) sign for negative polarity.

Low Battery Indication “” symbol indicates low battery condition.

Battery CR2032 3V Lithium

Operating Temperature 32°F to 104°F (0°C to 40°C)

Storage Temperature 14°F to 122°F (-10°C to 50°C)

Size 115x60x16mm

Features:

- Precise non-contact measurements
- Built-in laser pointer
- User selectable °C or °F
- MAX/MIN temperature displays
- Trigger lock
- Automatic Data Hold & Auto power off
- Automatic selection range and Display Resolution 0.1°C(0.1°F)
- The meter at 8 inches away measure 1 inch target
- Backlit LCD display

SPECIFICATIONS

● **General specifications**

MEAS. RANGES	-30 to 260 /-22 to 500
RESPONSE TIME	Less than 1 second
OVER RANGE INDICATION	LCD will show "-----"
POLARITY	Automatic (no indication for positive polarity); Minus (-) sign for negative polarity.
EMISSIVITY	0.95 fixed value
FIELD OF VIEW	D/S = Approx.8:1 ratio (D = distance, S = spot) (Has 90% encircled energy at the focal point)
DIODE LASER	Output <1mW, Wavelength 630~670nm,class 2 (II) Laser product
SPECTRAL RESPONSE	6~14um
POWER OFF	Automatic shut off after 8 seconds, approx.
OPERATING TEMP.	0 to 50 (32 to 122)
STORAGE TEMP.	-20°C to 60°C(-4°F to 140°F)
RELATIVE HUMIDITY	10%~90%RH operating, <80%RH storage
POWER SUPPLY	9V battery, NEDA 1604A or IEC 6LR61, or equivalent
WEIGHT	180g.
SIZE	82 x 41.5 x 160mm

● **Infrared thermometer specifications**

Range	Resolution	Accuracy
-30°C to 0°C (-22 to 32)	0.1 °C/	± 4 °C/± 7 ;
0°C to 260 °C (32 to 500)		± 2% of reading or ± 2°C /± 4 ;
<p>Note: Accuracy is given at 18 °C to 28 °C (64 °F to 82 °F), less than 80%RH.</p> <p>Emissivity: 0.95 fixed value</p> <p>Field of View: Make sure that the target is larger than the unit's spot size. The smaller the target, the closer you should be to it. When accuracy is critical, make sure the target is at least twice as large as the spot size.</p>		