

# MM870 Precision Multimeter

## Highly Accurate, Quick Responding, TRMS Meter

### Features:

- LPF (low pass filter) for filtering frequency and harmonic interference when measuring variable frequency drives
- High Resolution mode for finer measurement when needed
- Backlit 6000/60,000 count LCD display with bargraph
- Measures AC/DC Voltage and Current,  $\mu$ A Current, Resistance, Temperature, Capacitance, Frequency (electronic & electrical), and Duty Cycle
- True RMS provides better accuracy when measuring non-sinusoidal or noisy waveforms
- LPF (low pass filter) for filtering frequency and harmonic interference when measuring variable frequency drives
- Peak Hold (>1ms) with Min/Max
- Auto/manual ranging
- Min/Max/Average
- Data Hold freezes measurement on the display and AutoHold updates it when a new stable reading is detected
- Relative mode displays measurements relative to a stored reference value
- Auto power off with disable
- Low battery indicator
- Waterproof IP67
- Drop proof 6.5 feet (2 meters)
- CAT IV 600V safety category
- Optional model complete with Certificate of Traceability to N.I.S.T.
- 2 year warranty



### Specifications

Display counts	6000/60,000 counts with bargraph
Basic Accuracy	$\pm 0.05\%$
AC/DC Voltage	1000V
AC/DC Current	10A
AC/DC $\mu$ A Current	6000 $\mu$ A
Resistance	60M $\Omega$
Temperature	-58 to 1832 $^{\circ}$ F (-50 to 1000 $^{\circ}$ C)
Capacitance	6000 $\mu$ F
Frequency (electronic)	10MHz
Frequency (electrical)	10kHz
Duty Cycle	0.1 to 99.9%
4-20mA%	-25 to 125%
Continuity	<35 $\Omega$
Waterproof	IP67
Drop Test	6.5ft (2m)
Power	(4) AAA batteries
Safety Category	CAT IV-600V
Dimensions	6.7 x 3 x 1.9" (170 x 75 x 48mm)
Weight	13.6oz (386g)

### Ordering Information:

MM870 Precision Multimeter

MM870-NIST MM870 Including Certificate of Traceability to N.I.S.T.



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