

## M4000-MD – Digital HVAC Analyzer



**Easy to use Diagnostic Analyzer, Suitable for a wide range of HVAC applications.**

### General

**The M4000MD Digital HVAC Analyzer offers a range of features never before included in a single instrument. The M4000MD consists of two units, a large LCD display and a hand held sensor connected by a coiled command cable. The LCD display instructions are easy and clear to use.**

**The M4000MD measures all HVAC inlet and outlet variables, allowing an intelligent analysis of system performance. This one tool can replace up to four others.**

**The M4000MD is easy to use, you will be performing complex measurements within minutes of unpacking the tool.**

### Features

- Measures Temperature (°C/°F)
- Measures Humidity (%RH)
- Measures Dew Point (°C/°F)
- Measures Velocity (m/s) and Volume (cu.m/sec.)
- Measures Energy Capacity in BTU/HR & kW
- Direct Read-out – no additional calculations needed
- Allows measurement of rectangular and CIRCULAR GRILLS
- Lightweight and Completely portable
- Three simple keypad controls operate ALL FUNCTIONS
- Low Battery Indication
- Audible and Visual Prompts
- Large 3/4" LCD Readout
- Memory holds cumulative volume (cu.m/sec) and power (kW - BTU/HR) measurements
- 9V Battery Operated
- Protective Carrying Case Included

## Specifications

### General Features

Dimensions:	198x89x40 mm / 7.8x3.5x1.57 Inch
Color:	Blue
Overall weight:	0.26Kg / 0.57lbs
Supply:	1 Battery – 9Vdc
Plastic:	PC/ABS
Flammability	UL94V-0

### Temperature Sensor

Type:	NTC Thermistor
Range:	-5°C÷65°C / 23°F÷149°F
Accuracy:	±1°C / ±2°F

### Velocity Sensor

Type:	Vane
Range:	0.8 to 15 m/sec (2.6 to 49.2 FPS)
Accuracy:	±3% + 1
Resolution:	0.06m/sec / 0.2 ft/sec

### Humidity Sensor

Type:	Electronic Resistive
Range:	10%-95%Rh
Accuracy:	±3%Rh + 1
Resolution:	0.4%Rh

## Measuring Capacity

- Capacity is automatically displayed in BTU/hr & kW
- Capacity can be measured both for rectangular and CIRCULAR GRILLS!!
- Valid for multiple outlet systems!!

