

# Handheld Volatile Organic Compound (VOC) Meter



HHAQ-107



- ✓ **Metal-Oxide Semi-Conductor Sensor within Vented Ball Housing Detects Ammonia, Toluene, Ethanol, Hydrogen Sulfide (H<sub>2</sub>S) and Cigarette Smoke**
- ✓ **Make Total VOC Concentration Measurements, Ambient Temperature, Relative Humidity (RH), Dew Point and Wet Bulb Temperatures**
- ✓ **Logs Up to 32,000 Data Points**
- ✓ **Powerful Data Logging Software**
- ✓ **Adjustable High VOC Concentration Audible Alarm**
- ✓ **Min/Max Memory (for All Measured Parameters) and Data Hold**
- ✓ **Separate Automated Procedures for VOC Zero Adjustment and Background Calibration**
- ✓ **Manually Off-Settable Temperature and RH Sensor Drift**
- ✓ **Large Backlit Dual-Readout LCD**
- ✓ **Tripod Mountable**

The HHAQ-107 is ideal for making general measurements of mixed gas volatile organic compound (VOC) levels as part of an indoor air quality (IAQ) maintenance program. Much less expensive than photo-ionization meters designed to make precise measurements of VOC levels from a single gas. Small and light weight with a tripod mount fitting, the HHAQ-107 is a versatile tool for HVAC and IAQ technicians. The meters storage capacity can be entirely devoted to VOC readings or split 3 ways for VOC, ambient temperature and relative humidity. The HHAQ-107 includes powerful data logging software for downloading readings to a PC and printing in table or graph form.

## SPECIFICATIONS

**VOC Measurement Range/Resolution:**

0 to 50/0.01 ppm

**VOC Warmup Time:** 10 minutes first use,  
2 minutes thereafter

**VOC Sensor Type/Longevity:** Metal-oxide semiconductor/  
5 years (typical)

**Temperature Measurement Range:** -10 to 50°C  
(14 to 122°F)



HHAQ-107, shown smaller than actual size.

**Temperature Measurement Accuracy/Resolution:**

±0.6°C (1.2°F)/0.1°

**RH Measurement Range:** 10 to 90% RH

**RH Measurement Accuracy/Resolution:** ±5% of reading at 25°C (77°F); ±7% of reading elsewhere in range/0.1% RH

**Dew Point Measurement Range:** -73 to 47°C  
(-99.2 to 118°F)

**Wet Bulb Measurement Range:** -11 to 48.2°C  
(12.2 to 118.8°F)

**Data Logging Capacity:** 32,004 points

**Display Type/Size:** Dual readout LCD/51 mm (2") diagonal

**Auto Power-Off Trigger:** 15 minutes of front-panel inactivity (can be disabled)

**Operating Temperature:** 0 to 50°C (32 to 122°F) at 0 to 95% RH, non-condensing

**Dimensions:** 210 L x 60 W x 25 mm D (8.3 x 2.4 x 1.0")

**Weight:** 204 g (7.2 oz), including batteries

**Power Source:** (6) "AAA" batteries (included) or included 110 Vac adaptor

## To Order

Model No.	Description
<b>HHAQ-107</b>	Handheld volatile organic compound (VOC) meter
<b>MN2400</b>	Replacement "AAA" batteries 2 per pack, 3 packs needed

*Comes complete with meter, PC-compatible data logging program on mini-disc, USB cable, AC adaptor, soft pouch, (6) "AAA" batteries and operator's manual.*