



DATA SHEET

SI-AQ COMFORT

**Handheld Indoor Air Quality Monitor for
IAQ Analysis in Homes, Schools, Offices & More**

Accurate / Reliable / Robust / Fast

- IAQ Tool for HVAC Professionals
- Real-Time Data Logging
- Active Internal Sampling Pump
- Compact Handheld Unit
- Large Internal Memory (2,000 Tests)
- Protective Magnetic Rubber Boot
- Optional Wireless Printer
- Optional Handheld Probe

 **Bluetooth®**



CO₂, CO, Temperature, %RH,
Wet Bulb, Dew Point,
Barometric Pressure



Long Lasting Rechargeable
Battery & AC Charger



Easy to Use Menu System



Optional Si-AQ PC Software
& USB Cable

Parameter	Sensor	Range	Resolution	Accuracy
CO ₂	NDIR	0 - 5,000 ppm	1 ppm	±2 % rdg ±10 ppm
CO	Electrochemical	0 - 200.0 ppm	0.1 ppm	±1 % rdg ±0.2 ppm
Relative Humidity	Capacitive	5 - 95 %	0.1 %	±2 % RH
Ambient Temperature	Pt100	-40 to 257 °F -40 to 125 °C	0.1 °F 0.1 °C	±0.4 °F (32 - 140 °F) ±0.4 °C (0 - 60 °C)
Temperature Type K T1	Tc K	0 - 2,000 °F 0 - 1,100 °C	1 °F 1 °C	5 °F / 3 °C or 2 % rdg
Differential pressure*	Piezoresistive	-40 inH ₂ O to 40 inH ₂ O -100 mbar to 100 mbar	0.1 inH ₂ O 0.1 mbar	1% rdg
Barometric Pressure	Piezoresistive	260 - 1,260 mbar	1 mbar	±2 mbar
Air Velocity	Calculated	0 - 300 ft/sec 0 - 91 m/s	1 ft/sec 1 m/s	-
Electromagnetic Compatibility	EN 61326-1, Portable Equipment			

Si-AQ Comfort Kit Kit 2 Kit 3 Kit 4

CO ₂	✓	✓	✓
CO			✓
Ambient Temperature	✓	✓	✓
Barometric Pressure		✓	✓
%HR, Wet Bulb & Dew Point		✓	✓
Bluetooth®		✓	✓
Internal memory (number of tests)	2,000	2,000	2,000
PC Software Kit			✓
Carrying Case		✓	✓

All Si-AQ Comfort Kits include:

- Continuous Active Internal Sampling Pump
- Differential Pressure*
- Differential Temperature
- Long Lasting Battery & AC Charger
- Factory Calibration Certificate
- Quick Start Guide

Optional Accessories



Bluetooth® Printer
(Si-AQ Bluetooth® Printer)



Pitot Tube for Air Velocity
(Si-AQ Pitot Tube)



* Requires connection accessories, flexible tubes and connections available

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