

GRAYWOLF SPECIFICATIONS



IQ-410 Indoor Air Quality Probe Specifications (included with DirectSense IAQ Kit)

Carbon Dioxide	Range: 0 to 10,000 ppm Accuracy: $\pm 3\%$ rdg ± 50 ppm
Carbon Monoxide	Range: 0 to 500 ppm Accuracy: ± 2 ppm < 50 ppm, $\pm 3\%$ rdg > 50 ppm
Relative Humidity	Range: 0 to 100 %rh. Accuracy: $\pm 2\%$ rh $< 80\%$ rh ($\pm 3\%$ rh $> 80\%$ rh)
Temperature	Range: 15° to 160°F (-10° to +70°C) Accuracy: ± 0.3 °C
Dew Point	Range: -27° to +158°F (-33° to +70°C) Accuracy: ± 2 °C for %rh $> 10\%$
Response Time	All sensors exhibit 90% response < 1 minute
Probe Dimensions	2in. (5cm) dia. x 12.5in. (30cm) lgth.
Weight (probe)	w/batteries 1 lb. 10oz. (0.7kg)
Power (probe)	2 x D cells; typical battery life 150 hrs. @ 15°C, or 3VDC w/AC adapter

Also measures: Specific Humidity, Absolute Humidity and Humidity Ratio



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IQ-610 Indoor Air Quality Probe Specifications (included with DirectSense IAQ Plus Kit)

VOCs (Volatile Organic Compounds)	Range: 0.02 to 20.00ppm (10.6ev PID lamp, isobutylene calibration)
Carbon Dioxide	Range: 0 to 10,000 ppm Accuracy: $\pm 3\%$ rdg ± 50 ppm
Carbon Monoxide	Range: 0 to 500 ppm Accuracy: ± 2 ppm < 50 ppm, $\pm 3\%$ rdg > 50 ppm
Relative Humidity	Range: 0 to 100 %rh. Accuracy: $\pm 2\%$ rh $< 80\%$ rh ($\pm 3\%$ rh $> 80\%$ rh)
Temperature	Range: 15° to 160°F (-10° to +70°C) Accuracy: $\pm 0.3^\circ\text{C}$
Dew Point	Range: -27° to +158°F (-33° to +70°C) Accuracy: $\pm 2^\circ\text{C}$ for %rh $> 10\%$
Response Time	All sensors exhibit 90% response < 1 minute
Probe Dimensions	2in. (5cm) dia. x 12.5in. (30cm) lgth.
Weight (probe)	w/batteries 1 lb. 10oz. (0.7kg)
Power (probe)	2 x D cells; typical battery life 150 hrs. @ 15°C, or 3VDC w/AC adapter

An additional socket is available for an optional electrochemical gas sensor. Choose from up to 24 different EC specific gas sensors available from GrayWolf.

The IQ-610 probe also measures Specific Humidity, Absolute Humidity, Wet bulb Temperature and Humidity Ratio (as standard).

