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Telaire 7001 CO2 and Temperature Monitor (USA Power Adapter)

Product Images

Description

The Telaire 7001 handheld carbon dioxide sensor features patented Absorption Infrared technology. Each sensor measures CO_2 and temperature and can calculate and display real-time ventilation rates.

In addition, when combined with a HOBO HOBO UX120-006M, MX1100, U12, or ZW series logger it can record CO_2, and when connected to an analogue input on a H22, RX3000, or U30 Series it can record temperature and CO_2. Comes with an adapter but also operates up to 80 hours on 4 AA batteries.

Additional Information

Country of Manufacture	Mexico
Explanation	**CO_2 measurement range:** 0 to 4000 ppm CO_2 **Temperature measurement range:** 0 to +40°C (+32 to +104°F) **Operating range:** 32°F to 122°F (0°C to 50°C), 0 to 95% RH, non-condensing **Display resolution**: ±1 ppm **Accuracy:** ±50 ppm or 5% of reading, whichever is greater **Repeatability:** ±20 ppm **Temperature dependence:** ±0.1% of reading per °C or ±2 ppm per °C, whichever is greater, referenced at 25°C **Pressure dependence:** 0.13% of reading per mmHg (corrected via user input for elevation) **Response time:** <60 seconds for 90% of step change **Warm-up time:** <60 seconds at 72°F (22°C) **Calibration interval:** 12 months **Battery type:** Four AA batteries (not included) **Battery operation:** 80 hours (alkaline) **Recording Range** **When using the CABLE-CO2 and a HOBO UX120-006M, MX1100, U12, or ZW series data logger:** 0 to 2500 ppm **When using the CABLE-2070 and a HOBO RX3000, H22, or U30 data logger:** 0 to 4000 ppm **External power supply specifications** **AC/DC adapter (included)** **Output:** 6 VDC, 500mA output. **Power connector:** Round barrel with 2.5mm ID , 5.5mm OD, 12mm long, center positive (+6 VDC), outer shell ground. Note: This sensor is not designed for use with Intrinsically Safe (IS) loggers.
Ideal For	Professional
Brand	HOBO
Typical applications	Building Monitoring, Building Performance, Environmental (Indoor), Thermal Comfort
Measurements	Air Quality, CO2, Temperature