



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 CO₂ 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 CO₂, and when connected to an analogue input on a H22, RX3000, or U30 Series it can record temperature and CO₂. Comes with an adapter but also operates up to 80 hours on 4 AA batteries.

Additional Information

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