



# 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<sub>2</sub> 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<sub>2</sub>, and when connected to an analogue input on a H22, RX3000, or U30 Series it can record temperature and CO<sub>2</sub>. Comes with an adapter but also operates up to 80 hours on 4 AA batteries.

## Additional Information

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