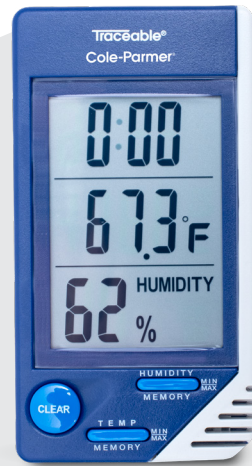


# Humidity and Temperature Monitoring With Traceable®

From basic compliance to cloud-connected monitoring, Traceable® offers a complete range of temperature and humidity solutions to meet your facility's needs.

## Monitoring Hygrometer



Monitor temperature, humidity, and time at a glance.

20250-30, 90080-06

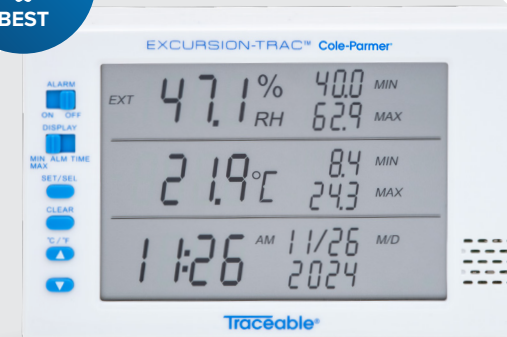
## Thermohygrometer with Alarm



Choose an external probe or an integrated sensor.

98766-85, 98768-48

## Excursion-Trac™ Data Logging Thermohygrometer



Easily transfer data via USB—no software required.

98767-14, 98767-15

## Temperature/Humidity Wi-Fi Data Loggers Compatible with TraceableLIVE® Cloud Service



Connect to your data via smartphone, tablet, or PC.

18000-29, 18000-30

To learn more, visit [traceable.com](https://traceable.com).

# Select the Right Traceable® Humidity Meter With Confidence

From handheld thermohygrometers to smart Wi-Fi loggers, Traceable® makes it easy to measure and record humidity and temperature with confidence. Review the features below to decide which solution aligns best with your application, compliance goals, and reporting workflow.

## Sensor Options at a Glance

**Built-In Ambient Sensor:** Integrated directly into the case for convenient, on-the-spot readings.



**Sensor on Cable:** Placed inside chambers, fridges, or controlled spaces for localized monitoring.



**Dongle for Ambient/Room Monitoring:** Ideal for tracking general lab or room conditions.



Feature	Min/Max Memory	Hi/Lo Alarms	Excursion-Trac™ USB Data Logging	TraceableLIVE® Cloud Service (Wi-Fi)
<b>Display/Probe Configuration</b>	Ambient only (time/temp/RH)	External probe or ambient	Ambient and external probe	Ambient sensor dongle (6520) or external probe (6521)
<b>Data Storage</b>	Min/Max (until cleared)	Min/Max (until cleared)	525,600 data points	Unlimited cloud storage
<b>User Interface</b>	Local display	Local display	Local display	Local display; smartphone app; internet-connected devices
<b>Alarms</b>	None	Audible, visual	Audible, visual	Email, SMS, push notifications, audible, visual
<b>Data Output</b>	None (manual, pen & paper)	None (manual, pen & paper)	USB data stick to Excel (CSV)	Wi-Fi with cloud uploads, no local software Real-time graphs, reports, alarm history, statistics, audit trail, calibration due notices
<b>Email/Push/Text Alerts</b>	No	No	No	Yes
<b>21 CFR 11 Compliant Options</b>	No	No	Yes (Memory-Loc options)	Yes (Premium subscription)
<b>Temp Range &amp; Accuracy</b>	0–50 °C, ±1 °C	0–60 °C, ±0.5 °C	Ambient 0–65 °C ±0.4 °C; Probe –20–70 °C, ±0.4 °C	0–55 °C, ±0.4 °C
<b>Humidity Accuracy</b>	±5% from 40–70% RH; otherwise ±8%	±3% RH; otherwise ±5% RH	±3% RH, otherwise ±5% RH (non-condensing)	±3% from 20–80% RH, otherwise ±5% RH (non-condensing)
<b>Range Accuracy</b>	20–90% RH	25–75% RH	5–75% RH	0–100% RH
<b>Logging &amp; Memory</b>	No	No	Rolling memory, 525,600 entries	672 records (7-day default)
<b>Logging Interval</b>	N/A	N/A	1 min–12 hr	12-sec sampling; Wi-Fi upload every 15 min
<b>Alarm Logging</b>	No	Yes	Smart-Alarm™, logs 30 events	Visual + audible, logs 100 events
<b>Connectivity/Cloud</b>	None	None	None	Wi-Fi (TraceableLIVE®); mobile/email/text alerts
<b>Memory Capacity</b>	N/A	N/A	525,504 readings	672 readings + 100 alarm log capacity
<b>Calibration Certificate</b>	Yes (Traceable®)	Yes (Traceable®)	Yes (Traceable®)	Yes (Traceable®)
Other Parameters				
<b>Barometric Pressure, Humidity &amp; Temperature</b>	No	Item # 68000-49	Item # 98767-15 (ambient only)	Item # 18000-33 (dongle)
<b>CO<sub>2</sub>, Humidity &amp; Temperature (0–10,000 ppm)</b>	No	No	No	Item # 18000-31 (dongle)
<b>CO<sub>2</sub>, Humidity &amp; Temperature (0–20%)</b>	No	No	No	Item # 18000-32 (sensor with cable)

## Want to Dig Deeper Into Humidity Control?

Explore why humidity monitoring matters more than you think. Read “Understanding Humidity’s Impact on Lab Conditions” at [coleparmer.com/blog/its-not-the-heat-its-the-humidity/](https://www.coleparmer.com/blog/its-not-the-heat-its-the-humidity/).

To learn more, visit [traceable.com](https://www.traceable.com).

