

Digi-Sense™ Data Loggers with TraceableLIVE® Wireless Technology



Get alerts before you lose valuable samples

- Remotely monitor your critical environments 24/7 via Wi-Fi*
- View current conditions anywhere—cloud-based interface sends email, text, and push notifications
- Securely connect to data via smartphone, tablet, or PC
- No software required—web, Android™, Apple® iOS data visibility
- Ensure accurate, reliable measurements with included NIST-traceable calibration
- Use included Velcro® strip and magnetic strip for surface mounting, or use the built-in stand on a benchtop

Digi-Sense data loggers with TraceableLIVE wireless technology provide a simple, efficient, and reliable way to ensure your critical samples are not compromised due to parameter variations. This latest technology is ideal for monitoring a process in real time, any time. Plus you get the value, accuracy, and peace of mind of NIST-traceable calibration at a noncalibrated price.

TraceableLIVE allows you to view current conditions from anywhere with a cloud-based interface. No additional software is needed and connecting is simple with a low-cost TraceableLIVE subscription.

Once setup is complete, you can view conditions in real time; set alarm parameters; view data logging history; generate data reports in real time; get email, text and push notifications; and receive alerts for temperature alarm, connectivity interruption and low battery.

*Requires a TraceableLIVE subscription.

A. Digi-Sense Temperature/Humidity Data Loggers

- Range from 32 to 131°F (0 to 55°C)
- Built-in bench stand makes it easy to read the temperature and humidity measurements
- Available with ambient sensor dongle or external probe with 10-ft (3-m) cable

B. Digi-Sense Ultra-Low Temperature Data Loggers

- Measure down to -130°F (-90°C)
- Mount probe to inside of a freezer—micro cable allows freezer door to close on it
- Includes one or two 316 SS RTD probe(s) with 6-ft (1.8-m) cable

C. Digi-Sense Data Logging Refrigerator/Freezer Thermometers

- Range from -58 to 140°F (-50 to 60°C)
- Choice of probe styles to suit your application
- Models with bottle probe are temperature-buffered to protect sensor from rapid changes when refrigerator door is opened

D. Digi-Sense Multiparameter Data Loggers

- Measure temperature, humidity, CO₂, or barometric pressure levels
- Choose from meters with a dongle to measure ambient conditions, or external sensor to monitor conditions in chambers or other enclosed environments

Specifications

Sampling rate: 9 to 12 seconds

Max number of stored alarms: 100

Memory: 672 (7 days if set to 15-minute intervals)

Power: four AAA batteries (included)

Sensor included	Parameters			Catalog number
	Range	Resolution	Accuracy	
A. Temperature/humidity data loggers				
Ambient sensor dongle	Temp: 32 to 131°F (0 to 55°C) Humidity: 0 to 100% RH	Temp: 0.01° Humidity: 0.1%	Temp: ±0.72°F (±0.4°C) Humidity: ±3% (20 to 80% RH), ±5% (remaining)	ML-18000-29
External probe with 10-ft (3-m) cable				ML-18000-30
B. Ultra-low temperature data loggers				
One 316 SS probe with 6-ft (1.8-m) cable	−130 to 221°F (−90 to 105°C)	0.01°	±0.18°F (±0.1°C)	ML-18000-27
Two 316 SS probes with 6-ft (1.8-m) cable				ML-18000-28
C. Refrigerator/freezer data loggers				
Two bottle probes	−58 to 140°F (−50 to 60°C)	0.01°	±0.45°F (±0.25°C)	ML-99460-00
One bottle probe and one bullet probe with detachable sensor and 10-ft (3-m) cable				ML-99460-05
Two bullet probes				ML-99460-10
Two SS probes with detachable sensor and 10-ft (3-m) cable				ML-99460-15
D. Multiparameter data loggers				
Ambient sensor dongle for temperature/humidity/CO ₂	Temp: 32 to 131°F (0 to 55°C) Humidity: 0 to 95% RH CO ₂ : 0 to 10,000 ppm	Temp: 0.01° Humidity: 0.01% CO ₂ : 5% reading + 70 ppm	Temp: ±0.72°F (±0.4°C) Humidity: ±3% (5 to 75% RH), ±5% (remaining) CO ₂ : 1 ppm	ML-18000-31
External probe with 3-ft (0.9-m) cable for temperature/humidity/CO ₂	Temp: 32 to 131°F (0 to 55°C) Humidity: 0 to 95% RH CO ₂ : 0 to 20%	Temp: 0.01° Humidity: 0.01% CO ₂ : 5% reading + 1 digit	Temp: ±0.72°F (±0.4°C) Humidity: ±3% (5 to 75% RH), ±5% (remaining) CO ₂ : 0.01%	ML-18000-32
Ambient sensor dongle for temperature/humidity/barometric pressure	Temp: 32 to 131°F (0 to 55°C) Humidity: 0 to 100% RH Barometric pressure: 500 to 1100 mbar	Temp: 0.01° Humidity: 0.01% Barometric pressure: 1 mbar	Temp: ±0.72°F (±0.4°C) Humidity: ±3% (5 to 75% RH), ±5% (remaining) Barometric pressure: ±4 mbar	ML-18000-33

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