

Temperature, Humidity, and CO₂ Smart-Sensor

Cobalt X


DICKSON
Environmental Monitoring + Compliance Experts

Temperature, Humidity, and CO₂ Smart-Sensor 0°C to 50°C, 0 to 99.9% RH, and 0 to 9.99% CO₂

For incubators

The triple temperature, humidity, and CO₂ Smart-Sensor is designed for Cobalt X data loggers. When used with Cobalt X1, readings from 2 sensors can be stored, whereas readings from all 3 sensors are stored with Cobalt X2.

This sensor is equipped with Smart-Sensor technology, which stores all calibration information directly in on-board memory. The sensor can therefore be calibrated directly, independently of the data logger.

Ranges	0°C to +50°C 0 to 99.9% RH 0 to 9.99% CO ₂
Resolutions	0.01°C 0.05% RH 0.1% CO ₂
Expanded uncertainties	+0.3°C to +0.5°C ±4% RH 0.3% CO ₂
Sensor type	Smart-Sensor
Dimensions	79.7 x 77 x 45 mm (3.1 x 3.0 x 1.7 in.)
Material	ABS plastic and polycarbonate casing, PTFE filter
Cable length	240 cm / 39 in. (with connector)
Protection index	IP65 (sensor unit) IP44 (cradle)
Compatibility	 Cobalt X2 and Cobalt X1
Reference	SON.420.0001



Cradle adapter for
Cobalt X



Triple sensor unit
connected to
cradle via cable

Calibrations

- ISO/IEC 17025 (COFRAC) accredited
- Laboratory certified (non-accredited)
- NIST traceable

Recalibration via sensor exchange
independantly of the data logger.

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