

HL5406 ClimaBox datalogger

CO₂ temperature & humidity



Humidity



Temperature



Carbon Dioxide

Part of the **Hanwell Pro** HL5000 Series, the HL5406 combines temperature, humidity and CO₂ measurement using onboard sensors. The instrument includes LCD display.

Features

- ✓ Combined temperature, humidity & CO₂ measurement
- ✓ LCD display with data readings and battery life
- ✓ Memory capacity of 33,000 readings per channel
- ✓ Accessible battery and USB socket
- ✓ Superior performance hardware with high accuracy sensors
- ✓ Complies with RoHS, EU and WEEE directives
- ✓ Carries CE Marking

Typical Applications

- Ambient air quality within hospitals, patient rooms & schools



Free HanLog software



Compatible with Hanwell EMS

Product code: HL5406

Instrumentation specification

Dimension	197 x 106 x 60mm
Weight	300 grams
Power supply	External 12V DC
Case material	ABS
Instrument operating range	-10°C to +60°C in a non-condensing RH environment
Memory capacity	33,000 readings per channel (unit can be set to wrap or stop when full)

Data Logger Functions

Logging Intervals	Programmable from 10 seconds to 24 hours
Record Capacity	33,000 records per channel
PC Interface	USB Communications
Software required	W200 – HanLog 4.5+
Accessories	88706 – 3.7V AA Lithium battery Y055 – USB cable

Technical specifications

CO₂ sensor	E+E Dual Source Infrared System
Range	0...4000ppm*
Accuracy	± 50ppm ± 3% of measured value
Temperature sensors	Precision Thermistor
Range	-10°C to +60°C
Accuracy	±0.1°C between -10°C and 40°C ±0.3°C outside these extremes
Resolution	0.1°C
Humidity sensors	Capacitive Polymer
Accuracy	±3%
Resolution	0.1%

*10000ppm variant available

Accessories

3.7 V AA Lithium battery	88706
USB Cable	Y055

Manufactured by Hanwell | Ellab   RoHS

Version 2 - EC190194

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