

## HL5406 ClimaBox datalogger

### CO<sub>2</sub> temperature & humidity



Humidity



Temperature



Carbon Dioxide

Part of the **Hanwell Pro** HL5000 Series, the HL5406 combines temperature, humidity and CO<sub>2</sub> measurement using onboard sensors. The instrument includes LCD display.

#### Features

- ✓ Combined temperature, humidity & CO<sub>2</sub> 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

<b>CO<sub>2</sub> sensor</b>	E+E Dual Source Infrared System
Range	0...4000ppm*
Accuracy	± 50ppm ± 3% of measured value
<b>Temperature sensors</b>	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
<b>Humidity sensors</b>	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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hanwell.com

Tel: +44 (0)1462 688070 | Email: sales@hanwell.com