

Air Flow Solutions



Instruments

Air flow and velocity measurement,
temperature and humidity data logger



Instrument Solutions

LCA301 anemometer kit



KEY FEATURES

- UKAS certificate of calibration
- Compliant to testing requirements of Domestic Ventilation Compliance Guide 2010
- Aerodynamic design
- Volume flow in m³/hr or l/sec
- Velocity in m/sec
- Self sealing hood 285 x 235 mm
- Tough ABS to take on-site knocks
- 2 year warranty

LCA301

The LCA301 Vane Anemometer kits enables on-site measurement to be taken and air volumes calculated for balancing and commissioning ventilation systems, compliant to the testing requirements of the Domestic Ventilation Compliance Guide 2010.

Simple one handed operation and a large clear LCD ensures that velocity or volume flow reading of air measurement is quick, reliable and accurate.

Supplied with the LCA301 is a 285 x 235 Aircone to attach to the vane sensor.

The LCA301 has a single push button control in the hand grip. When the button is pushed and held down the instrument averages the air velocity every 3 seconds up to 12 minutes duration with the average reading shown on the LCD.

Function	Parameter
Velocity range	0.25 to 30 m/s (50 to 6.000 ft/min)
Velocity accuracy	±1.0% of reading ±0.02 m/s (±4 ft/min)
Duct size	0.00399 - 90 m ² (0.043 - 173.6 ft ²)
Volumetric flow rate	Actual range is a function of velocity and duct area
Temperature range	0 to 60°C (32 to 140°F)
Accuracy	±1.0°C (±2.0°F)
Resolution	0.1°C (0.1°F)
Instrument temperature range operating	0 to 60°C (32 to 140°F)

Part No.	Product Description
90000017	LCA301 Vane Anemometer Kit



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LCA301 anemometer kit



KEY FEATURES

- Temperature and Humidity Logger
- Up to 32,000 value storage
- Analytical software supplied (Windows)
- Variable time sampling – 2 seconds to 24 hours
- Wall mounting bracket supplied
- LED mode indicators/buzzer alarm
- 1 year warranty

LOG32 TH

The Airflow LOG32 TH is a portable battery operated Data Logger. Designed for diagnostic analysis of environmental conditions in commercial, production, laboratories, agriculture or any temperature and humidity critical application.

Powered by a long life Lithium battery it is suitable for recording, alarm tracking and display of air temperature, humidity and dew point. An integral USB port enables direct connection to any compatible device where the Windows software (supplied) can be uploaded.

A flashing green LED indicates data recording, while a red LED indicates an adjustable user set point has been exceeded. The logger also has an internal buzzer to support user set alarm conditions.

Function	Parameter
Memory storage (total)	32,000 values
Temperature	16,000 values
Humidity	16,000 values
Measuring range – temperature	- 35° to 70°
Accuracy	± 1°C (-10o to 40°C) ± 2°C (41o to 70°C)
Measuring range – humidity	0 to 100%RH
Accuracy	± 3% RH (40% to 60%) ± 3.5% RH (20% to 40%) ± 3.5% RH (60% to 80%)
Interface	USB (integrated)
Housing	ABS
Dimensions	98 x 25 x 20mm
Weight	70g
Battery	1 x 3.6v Lithium AA battery

Part No.	Product Description
90000536	LOG32 TH Data Logger



Air Flow Solutions



Always Innovating

Our constant search for new and better ways to save energy, improve the indoor environment and provide you with high quality, reliable and easy to use products that contribute to a low carbon future continues.

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