

Instrument Solutions

LCA301 anemometer kit



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.



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 235mm
- Tough ABS to take on-site knocks
- 2 year warranty

| 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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