

# Flomaster DA5000 Digital Anemometer

The Rototherm DA5000 Digital Anemometer enables fast, reliable and accurate readings of Air Velocity utilising a high quality rotating vane sensor with either a 25mm (1") or 70mm (2.75") diameter.

DA5000 may be used with either of the Rototherm rotating vane sensors, identification of the connected sensor is displayed automatically when the instrument is switched on.

## ■ Applications

DA5000 is designed for use in Heating and Ventilating, Air Conditioning and Process Industry applications and for maintenance and commissioning requirements particularly exhaust and fume ventilation assessments.

## ■ Specifications

<b>Range:</b>	25mm probe: 0.3 - 35 ms <sup>-1</sup> (59 - 6891ft min <sup>-1</sup> ) 70mm probe: 0.3 - 40ms <sup>-1</sup> (59 - 7875ft min <sup>-1</sup> )
<b>Accuracy (System):</b>	25mm probe: ±0.5% full scale plus ±0.75% of reading 70mm probe: ±0.25% full scale plus ±0.75% of reading
<b>Display:</b>	4 digit liquid crystal, 10mm high character
<b>Resolution:</b>	0.1 ms <sup>-1</sup> or 1 ft min <sup>-1</sup>
<b>Operating Temperature:</b>	Instrument: 0 to 50°C (32 to 122°F) Probe: -30 to +80°C (-22 to 176°F)
<b>Power Source:</b>	2 x 1.5 volt alkaline AA cells
<b>Battery Life:</b>	250 hours approximately. Low battery warning after 225 hours
<b>Dimensions:</b>	181 x 77 x 21.5 mm (indicator)
<b>Weight:</b>	190g approx. with battery (indicator alone)
<b>Other Features:</b>	Automatic probe type identification Automatic probe characteristic linearization 2 second or 16 second measurement period Maximum and minimum readings stored in memory

## ■ Ordering Code

<b>DA5000 Kit</b> with 70mm sensing probe	<b>DA5000-A</b>
<b>DA5000 Kit</b> with 25mm sensing probe	<b>DA5000-B</b>
<b>DA5000 Kit</b> with 25mm & 70mm sensing probe	<b>DA5000-C</b>

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## ■ DA5000 Kit

DA5000 kit consists of either 25mm or 70mm sensing probe, carrying case, extension rods and connecting cable.



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