

Flow Meter / Probe



Flowmeter developed for use under various challenging field conditions. Its different impellers measure almost any fluid, liquid or gaseous medium. Fluid measurements can be taken in knots, km/h, mph, and m/s. The meter also takes temperature measurements in either °F or °C, including minimum and maximum temperature and current temperature. Also included is a wind speed impeller which allows you to take air velocity and wind chill measurements. To take flow measurements from a bridge or other elevated location, use the optional flow sensor with 15 meter cable (sold separately). Kit includes the display, 1.2m aluminum telescoping rod with 2m cable, a 60mm water impeller, 20mm air impeller and carrying case.

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Flow speed measurement

- Units knots, mph, km/h, m/s, fps and cm/s
- Speed resolution 0.1 for all units (except in cm/s: 3cm/s)

| | Wind speed impeller | Water impeller |
|--------------------------------|---------------------|--------------------|
| • Diameter | ∅ 20mm | ∅ 60mm |
| • Clearance hole | ∅ 33mm | - |
| • Measuring range | 1 m/s – 30 m/s | 0.1 m/s – 10 m/s |
| • Minimum sensitivity | < 3km/h - < 1m/s | <0.3km/h - <0.1m/s |
| • Accuracy | ± 2% FS | ± 2% FS |
| • “off-axis” error | ± 30° / ± 3% FS | ± 20° / ± 3% FS |
| • Operating temperature | -50°C to +100°C | 0°C to +80°C |

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Temperature

- Units °C, °F, °C felt et °F felt
- Accuracy ± 0.2°C
- Resolution ± 0.1°C
- Functions ambient temperature measurement, felt, minimum, average and maximum

Power: 2 AA Batteries (included). Warranty: 1 Year.

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Represented by

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