



The New Kestrel 1000 has been redesigned for even better performance and functionality!

Measures

- Current Wind Speed
- Maximum Wind Gust
- Average Wind Speed

Know Your Conditions

- Measure environmental conditions quickly and accurately
- Wide range of wind speeds and low

- startup speed
- Reliable, portable and easy to use

Quality by Design

- All instruments and accessories are completely assembled in the USA
- Patented user-replaceable impeller
- Low friction sapphire jewel bearing

Features

- Protective cover with sure-grip overmolding
- Data hold function
- Large easy-to-read display
- Waterproof and floats
- Lanyard and battery included
- Two-year warranty

Specifications

| Measurement | Units of Measure | Accuracy | Range |
|---------------------------------|---|----------------------------|-------------------------------|
| Current, Max and Avg Wind Speed | m/s, km/hr, mph, fpm, kts, Beaufort Force | ±3% of reading or ±0.1 m/s | 0.3 to 40 m/s (0.7 to 89 mph) |

| | |
|------------------------------|--|
| Display Update | 1 second |
| Display Size | Reflective 3 1/2 digit LCD, 9 mm (0.36 in.) digit height |
| Off-Axis Wind Speed Accuracy | -1% @ 5° off-axis; -2% @ 10°; -3% @ 15° |

| | |
|-----------------------|--|
| Calibration Drift | < 2% after 100 hours use at 7 M/S (~14 KT, 25 KM/H, 16 MPH or 1,400 FPM) |
| Environmental Sealing | Electronics enclosure IP67 - water resistant to 1 m. (3 ft.) |
| Shock Resistance | Drop tested to 2 m. (6 ft.) |
| Auto Shutdown | 45 minutes after last key press |
| Battery | User-replaceable CR2032 coin cell; typical life, 400 hrs |
| Impeller | 25 mm (1 in.) diameter, sapphire bearings, light weight; user-replaceable without tools |
| Dimensions | unit: 122 x 42 x 20 mm (4.8 x 1.7 x 0.8 in.) cover: 122 x 46 x 26 mm (4.6 x 1.8 x 1.1 in.) |
| Weight | unit: 2.3oz (65gr) cover: 1.3oz (37gr) |
| Operating Temperature | LCD readability is lost above 50°C (122°F) and below -15°C (5°F). |
| Storage Temperature | Recommended -20°C to 80°C (-4°F to 176°F) |
| Patents | 5,783,753 |
| Certification | Wind speed measurements are tested at the factory before packaging. Factory certification is available for additional fee. |
| | Product is CE certified. |
| Warranty | Standard 2-year warranty covers parts and labor. |