

Kestrel 1000 Pocket Wind Meter



Price: CAD \$89.99

SKU: KS10B

Product Categories: [Discontinued](#)

Product Tags: [0810](#), [1000](#), [canada](#), [handheld](#), [kestrel](#), [kestrel 1000](#), [meter](#), [pocket](#), [wind](#), [wind gauge](#), [wind meter](#)

Product Page: <https://www.modernoutpost.com/product/kestrel-1000/>

Product Summary

The one that started it all for the Kestrel brand. The Kestrel 1000 was developed in 1995 when NK co-owner, Richard Kellerman, needed a reliable wind meter for flying his glider. Almost 20 years later, it looks a little slicker, and it still gives you the reliable, accurate wind measurements that you need.

Product Description

Every Kestrel Meter features a large, "impeller mounted on a sapphire jewel bearing, which means it starts rotating with the slightest puff of air - 0.3 mph to be exact! And this unique impeller is user-replaceable, too, which means it can easily be replaced if it is damaged or worn.

If your application demands regular calibration, simply pop in a new impeller and the Kestrel Wind Meter is restored to like-new factory calibration standards. The Kestrel 1000 can easily be switched between mph, km/h, ft/min, m/s, knots and Beaufort.

Kestrel 1000 Measures]

Current wind speed

Average wind speed

- Maximum wind gust **Kestrel 1000 Features]** - Protective cover with sure-grip overmolding - Data hold function - Large easy-to-read display - Waterproof and floats - Patented user-replaceable impeller - Wide range of wind speeds and low startup speed - Reliable, portable, and easy to use - All instruments and accessories are completely assembled in the USA - 5-Year Warranty **Kestrel 1000 Includes]** - A slip-on protective

cover - Neck lanyard - CR2032 coin cell battery (Average life 300 hours) - Kestrel certificate of conformity

Detailed Specifications...

Kestrel®; 1000 Pocket Wind Meter

[Overview](#)]

Specifications

[Reviews](#) [Accessories](#) [Support](#) [BUY NOW](#) **Specifications**

Measurement Response Time

Units Operational Range Resolution Accuracy (+/-) Specification Range Wind Speed 1 second

m/s

0.4 to 60.0 m/s

0.1

Larger of 3% of reading or least significant digit

0.4 to 40.0 m/s

ft/min

59 to 11,948 ft/min

1

59 to 7877 ft/min

km/h

1.0 to 218.0 km/h

0.1

1.0 to 144.0 km/h

mph

0.8 to 135.0 mph

1

0.8 to 89.0 mph

knots

0.6 to 118.3 kt

0.1

0.6 to 78.0 kt

Beaufort

0 to 12 B

0.1

0 to 12 B

1 inch diameter impeller with precision axle and sapphire bearings. Off-axis accuracy -1% @ 5°; off-axis; -2% @ 10°; -3% @ 15°. Calibration drift < 1% after 100 hours use at 16 MPH / 7 m/s. Sustained operation above 60 MPH / 27 m/s will wear impeller rapidly and may cause destruction of impeller. Replacement impeller (NK PN-0801) may be field-installed without tools (US Patent 5,783,753).

Max/Avg Wind Speed

One-button clear and restart of Max Wind Gust and Average Wind measurement.

Display

Reflective 3 1/2 digit LCD. Digit height 0.36 in / 9 mm.

Display Update

1 second.

Display Backlight

Aviation green electroluminescent backlight.

Operational Temperature Range (LCD and Batteries)

The operational temperature range of the liquid crystal display and batteries is 14° F to 131° F / -10 °C to 55 °C. Beyond the limits of the operational temperature range, the unit must be maintained within range and exposed for minimum time necessary to take reading.

Storage Temperature

-22 °F to 140 °F / -30 °C to 60 °C.

Auto Shutdown

After 45 minutes of no key presses.

Certifications

CE certified. Individually tested to NIST-traceable standards (written certificate of tests available at additional charge).

Batteries

CR2032, one, included. Average life, 300 hours of use, +/-depending on backlight use.

Environmental

Waterproof (IP67 standard). Drop-tested (MIL.STD.810F; unit only. Substantial impact may damage replaceable impeller.).

Dimensions

Unit 4.8 x 1.7 x 0.7 in / 122 x 42 x 18 mm. Case 4.8 x 1.9 x 1.1 in / 122 x 48 x 28 mm.

Weight

Unit 2.3 oz / 65 g. Case 1.3 oz / 37 g.

Kestrel Meters are designed and manufactured at NK's facility in Boothwyn, Pennsylvania, and are individually calibrated at the time of manufacture. Every Kestrel Meter comes with a Certificate of Conformity to document the unit's accuracy—all Kestrel measurements are traceable to the National Institute of Standards and Technology, ensuring the highest level of reliability.

Product Attributes

- Dimensions: N/A
- Weight: 0.3 kg

Product Gallery

