



Kestrel 3500 - Pocket Weather Meter

The Kestrel 3500 provides comprehensive environmental measurements with the simplicity of the [Kestrel 1000](#). The Kestrel 3500 scrolls through the current readings of nine different weather variables, packing quite a punch into a package that weighs about two ounces!

The Delta T version (Kestrel 3500 DT) offers a quick guide to determining acceptable spraying conditions for agricultural interests. This unit incorporates barometric pressure correction in its wet bulb temperature calculation, ensuring accuracy even on low pressure days, at high altitudes, and in the very dry weather when Delta T monitoring is important.

Much dimmer than a standard backlight, the night vision version of this model (Kestrel 3500 NV) has a night-vision preserving backlight, which helps to maintain the user's natural night vision.

Features:

- Barometric Pressure
- Continuously updating three-hour barometric pressure trend indicator: rising rapidly, rising, steady, falling, falling rapidly
- Altitude
- Relative Humidity & Dew Point
- Wind Chill & Heat Stress Index
- Wet Bulb Temperature

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Para honra e glória de **ixtus**



- Air, Water, & Snow Temperature
- Delta T (Kestrel 3500 DT only)
- Current & Average Wind Speed
- Maximum Wind Gust
- One-button clear and restart of Max Wind Gust and Average Wind measurement
- Waterproof & Floats
- Real-time hours:minutes clock
- Hold Function
- Aviation green electroluminescent backlight (Kestrel 3500 & 3500DT)
- Night-vision preserving electroluminescent backlight (Kestrel 3500 NV). Backlight incorporates optical filter to reduce overall brightness and minimize blue and green spectrum light to preserve night vision. Please note: This backlight appears soft greyish pink, not "red," and is still in the visible spectrum, so is not compatible with night-vision equipment.
- Auto shutdown after 45 minutes of no key presses
- User-replaceable Impeller
- External Temperature Sensor
- Slip-On Protective Cover
- Neck Lanyard
- Five-year warranty from the manufacturer

Specifications:

- Wind Speed (sample every 1 second)
 - 0.4 to 60 m/s (0.1 resolution, 3% accuracy)
 - 59 to 11,948 ft/min (1 res, 3% accuracy)
 - 1 to 218 km/h (0.1 resolution, 3% accuracy)
 - 0.8 to 135 mph (1 resolution, 3% accuracy)
 - 0.6 to 118.3 kt (0.1 resolution, 3% accuracy)
 - 0 to 12 Beaufort (0.1 res, 3% accuracy)
- Temperature (sample every 1 second)
 - -20.0 to 158.0 °F (0.1 res, 1.8 °F accuracy)
 - -29.0 to 70.0 °C (0.1 res, 1.0 °C accuracy)
- Relative Humidity (sample every 1 minute)
 - 0.0 to 100.0 % (0.1 res, 3.0 %RH accuracy)
- Barometric Pressure (sample every 1 second)
 - 8.86 to 32.48 inHg (0.01 resolution, 0.05 inHg accuracy)
 - 300 to 1100 hPa / mb (0.1 resolution, 1.5 hPa / mb accuracy)
 - PSI (0.1 resolution)
- Altitude (sample every 1 second)
 - -6000 to 30000 ft (1 res, 50 ft accuracy)-2000 to 9000 m (1 res, 15 m accuracy)
- Wind Chill (sample every 1 second)

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- -49.0 to 257.0 °F (0.1 res, 1.8 °F accuracy)
- -45.0 to 125.0 °C (0.1 res, 1.0 °C accuracy)
- Heat Index (sample every 1 minute)
 - 0.0 to 100.0 %RH, -49.0 to 257.0 °F (0.1 resolution, 3.6 °F accuracy)
 - -0.0 to 100.0 %RH, -45.0 to 125.0 °C (0.1 resolution, 2.0 °C accuracy)
- Dew Point (sample every 1 minute)
 - 0.0 to 100.0 %RH, -49.0 to 257.0 °F (0.1 resolution, 3.6 °F accuracy)
 - 0.0 to 100.0 %RH, -45.0 to 125.0 °C (0.1 resolution, 2.0 °C accuracy)
- Wet Bulb (sample every 1 minute)
 - -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg (0.1 resolution, 3.6 °F accuracy)
 - -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa (0.1 resolution, 2.0 °C accuracy)
- Power requirements:
 - 1 CR2032 Coin Cell (included)
- Battery life: ±300 hours, depending on backlight use

Dimensions:

- Unit: 4.8" x 1.7" x 0.7"
(122mm x 42mm x 18mm)
- Case: 4.8" x 1.9" x 1.1"
(122mm x 48mm x 28mm)

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