



Kestrel 5200 Environmental Meter & Data Logger for HVAC, Construction & Agriculture

Product Images



Short Description

The Kestrel 5200 provides the same trusted accuracy, reliability, and usability as the original Kestrel 4200 and 4300. With its complete suite of environmental measurements plus special features designed to aid HVAC technicians, construction and agriculture professionals, the Kestrel 5200 outperforms the competition as the most compact and complete environmental meter and data logger for all professional uses.

Description

The Kestrel 5200 measures evaporation rate, air velocity, air flow, air density, relative air density,

delta T, and much more. 17 measurements in all!

Kestrel 5200 offers advanced calculators and readings that are unique in the portable meter market and are designed to make your job easier. In addition to measuring current environmental conditions, the Kestrel 5200 tracks and logs over 10,000 sets of time-stamped data.

View your live & historical data on your mobile device - up to 100ft away from the Kestrel (requires the LiNK wireless communication option).

Technicians have been purchasing Kestrel meters for their toolboxes for years, knowing they will provide the readings they need immediately and reliably. Construction managers all over the world have relied on their Kestrel meters to ensure work-site safety and cost-effective concrete pours. Farmers know a Kestrel meter can help them avoid property damage and maximise productivity.

Kestrel 5200 Key Features

- Measures: • Air Density • Air Flow (CFM) • Altitude (Barometric) • Barometric Pressure • Delta T • Density Altitude • Dew Point Temperature • Evaporation Rate • Heat Stress Index • Humidity Ratio • Relative Air Density • Relative Humidity • Station Pressure (Absolute Pressure) • Temperature • Wet Bulb Temperature (Psychrometric) • Wind Chill • Wind Speed/Air Speed
- Data Logging - Adjustable Interval
- Data Log Graph View
- Date & Time
- Optional LiNK Wireless (Bluetooth Low Energy) Communication. Comes with free apps for iOS & Android, and free software for Windows & Mac,
- Current/minimum/maximum/average reading
- High contrast display is perfectly readable in the brightest sunlight
- Switchable white/red backlight for night-time use
- Drop-Tested to US Military Specification MIL-STD-810G
- Waterproof to IP67 (3ft/1m underwater for 30 minutes)
- Floats if dropped in water.

Additional Information

Country of Manufacture	United States
Brand	Kestrel
Explanation	<p>Kestrel Weather & Environmental Meters are designed & manufactured in the USA and are backed by Kestrel's 5-year warranty. Innovatively designed for stability and accuracy in abrupt condition changes. Rugged and durable, Kestrels are drop tested, waterproof and float if dropped in water.</p> <p>The wind speed displayed is a 3 second rolling average. This allows the unit to provide a value that is more representative of the typical, ambient conditions rather than peak speeds of instantaneous blasts of air.</p> <p>The Kestrel 5200 anemometer can easily be switched between mph, km/h, ft/min, m/s, knots and Beaufort Scale.</p> <p>All Kestrel models can be fitted to a portable rotating wind vane mount and tripod, to create a very portable and accurate weather station.</p> <p>Patented Impeller Every Kestrel meter features a large, 1" impeller mounted on a sapphire jewel bearing, which means it starts rotating with the slightest puff of air. For superior accuracy, the impeller housing can rotate in the unit. The patented impeller is user-replaceable by simply pushing it out with your thumbs, which means it can easily be replaced if it is damaged or worn. The measurements from the wind impeller are taken magnetically. The impeller is not glued or attached to the unit. Because every new impeller is calibrated in the wind tunnel at the USA factory, 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.</p>
Contents	Kestrel 5200 Protective Drawstring Pouch Lanyard Battery - 1 x AA Certificate of Conformity (with complete specifications) Instructions
Ideal For	Professional, Education, Agronomy
Dimensions	12.7 x 4.5 x 2.8 cm, 121 g (Lithium battery included)
Batteries	1 x AA Lithium Battery (Average Life 400 Hours)

Additional Options

Add LiNK Wireless Dongle to wirelessly transfer data logs to your PC/Mac

Kestrel LiNK Wireless Dongle

Add Kestrel LiNK Wireless Communication to your mobile device

Kestrel 5200 with LiNK

Add optional USB Data Transfer Cable for wired data communication with Windows/Mac computers

USB Data Transfer Cable for 5000 Series (Item: NK-0785)

Add Optional Belt Carry Pouch

Kestrel Protective Carry Pouch