

Phoenix Kestrel 3000 Multi-Meter

Multi Purpose Hand Held Meter

The Phoenix Kestrel 3000 Multi-Meter – all the information you need from an instrument you can carry in your pocket!

The Kestrel 3000 Multi-Meter is a unique hand-held multi-purpose meter that is not only pocket sized but also user friendly. With its air flow operation mode options, the Kestrel 3000 allows you to calculate the current, maximum and average air flow, and has the added ability to display each one in different measuring methods (i.e., knots, meters per second, kilometers per hour, miles per hour, feet per minute and Beaufort). Temperature, wind chill, heat stress and dew point temperature can be displayed in both C° and F°. Relative humidity is expressed as a percentage.

The Kestrel 3000 measures air flow with a large diameter precision ultralight impeller which turns on sapphire bearings, providing excellent accuracy (+/- 3%) and the ability to measure the slightest breeze (0.3 M/S). The impeller and protective housing pop out without tools for easy and inexpensive replacement.

For temperature readings, the Kestrel uses an external thermistor for fast response and accuracy of +/- 4° F. The capacitive humidity sensor is factory calibrated to +/- 3% accuracy. Heat stress measurements are accurate to +/- 3% and dew point temperature to +/- 2°. Wind chill, heat stress and dew point temperature are automatically calculated.

The hard slip-on case protects the Kestrel 3000's reflective LCD display, tactile rubber buttons, and large diameter impeller from damage. The user replaceable coin cell battery provides 300 hours of use. To insure long battery life the Kestrel also features an "auto shutdown" mode that turns your meter off 30 minutes after the last key is pressed. The Kestrel 3000 is covered by a full one-year warranty and is protected by US patent No. 5, 753,784.

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**The Only Choice for
Restoration Professionals**



Features

- User replaceable CR2032 coin cell battery
- Hard slip-on case

Measures

- Air Flow
- Temperature
- Relative Humidity
- Dew Point
- Wind Chill
- Heat Stress

Kestrel 3000 Multi-Meter Specifications

Part No. 4024440

Air Flow Operating Modes: Moving 3-second average, maximum 3-second gust since power on (MAX) and average since power on (AVG)

On-Axis Accuracy: Greater of +/- 3% or +/- least significant digit

Scales: Knots (KT), meters per second (M/S), kilometers per hour (KM/H), miles per hour (MPH), feet per minute (FPM), and Beaufort (B)

Temperature, Wind Chill, Humidity, Heat Stress and Dew Point

Units: Degrees Fahrenheit (F°) and degrees Centigrade (C°)

Accuracy: Temperature and wind chill +/- 2° F; relative humidity +/- 3% and dew point temperature +/- 4° F @ 20 to 90% RH; heat stress +/- 5°F

Temperature/Wind Chill Display Update: 1 second

Humidity Sensor Response Time: 1 minute

Resolution: 0.1

General

Display: Reflective 3 1/2 digit LCD, 0.36 in. digit height

Weight: Unit, 44g; Case, 23g

Dimensions: 4.8 x 1.7 x 0.6 in.; case, 4.6 x 1.8 x 0.7 in.; lanyard, 10 in.

Power supply: User-replaceable CR2032 coin cell battery

Impeller: 1 in. diameter, sapphire bearings, light weight, replaceable without tools.

Buttons: Two sealed tactile rubber buttons control all functions

Auto Shutdown: 30 minutes after last key press

Temperature Sensor: Hermetically sealed precision thermistor

Humidity Sensor: Silicon based capacitive sensor.

