

Digital Wind / Temperature Meter

PRODUCT MANUAL

Item # 3141



Spectrum[®]
Technologies, Inc.

Thank you for purchasing a 3141 Wind/Temp Meter. Please read this manual thoroughly before using your meter.

SPECIFICATIONS

Wind Speed range	0.5-44.7mph (0.8-72.0 km/h)
Wind Speed accuracy	±5%, or ± last significant digit
Temperature range	32 to 122°F (0 to 50°C)
Temperature accuracy	±2°F (±1°C)
Humidity range (3142 only)	5 to 95% RH
Humidity accuracy (3142 only)	±3% RH
Power Supply	CR2032 battery

OPERATION

Getting Started

Insert the included battery per the instructions on the facing page. If your LCD display looks blurred, remove the protective film.

Power ON/OFF

Power on the meter by pressing the HOLD/ON/OFF button. All segments on the display will appear for one second. Press and hold the HOLD/ON/OFF button for more than 3 seconds to power off the meter.

The meter will turn itself off after 5 minutes of inactivity. To cancel this function, with the meter off, press and hold HOLD/ON/OFF for more than 3 seconds (until the LCD displays “n”). Release the button. The meter will now stay on until it is turned off. Auto Power off will be re-enabled the next time the meter is turned on.

Wind and Temperature Modes

Press the UNIT/MODE button to switch between the Wind Speed, Maximum Wind (indicated by “MAX” on the LCD), Temperature, and Wind Chill Index (indicated by “WCI” on the LCD).

Selecting Wind and Temperature Units

Press and hold the HOLD/ON/OFF button while repeatedly pressing the UNIT/MODE button to switch between alternative units.

In wind mode, you can choose between BF (Beaufort), FT/M (feet/minute), M/H (miles per hour), KMH (kilometers/hour), M/S (meters/second), and KNT (knots).

In temperature mode, you can choose between °F and °C.

Taking Measurements

Hold the meter and target the air source from the rear of the unit. Hold the meter at arm's length, away from your body.

Data Hold

Press the HOLD/ON/OFF button to freeze the display. "HLD" will appear on the LCD, and the current reading will be displayed until the HOLD/ON/OFF button is pressed again.

Battery Replacement

Turn off the meter, then use a coin to open the battery cover. Put the battery (CR2032) into the battery compartment with the "+" side out. Place the battery cover back and lock it with a coin.

Caution

The meter is accurate at low and mid-range air speeds. Consistent use at high speeds, such as from the window of a fast-moving car, will damage the impeller's bearing and reduce accuracy.

WARRANTY

This product is warranted to be free from defects in material or workmanship for one year from the date of purchase. During the warranty period Spectrum will, at its option, either repair or replace products that prove to be defective. This warranty does not cover damage due to improper installation or use, lightning, negligence, accident, or unauthorized modifications, or to incidental or consequential damages beyond the Spectrum product. Before returning a failed unit, you must obtain a Returned Materials Authorization (RMA) from Spectrum. Spectrum is not responsible for any package that is returned without a valid RMA number or for the loss of the package by any shipping company.



This equipment has been manufactured for
Spectrum Technologies, Inc.
12360 S. Industrial Dr. East
Plainfield, IL 60585 USA

The Manufacturer's **DECLARATION OF CONFORMITY** is on file at the above address, and certifies conformity to the following:

Model Number: 3141
Description: Wind/Temp Hand-Held Meter
Type: Electrical Equipment for Measurement, Control, and Laboratory Use
Directive: 2004/108/EC
Standards: EN 61326-1 (2006)
CISPR11
EN 61000-4-2 (1995/A1:1998/A2:2001)
EN 61000-4-3 (2006)

Spectrum[®] ***Technologies, Inc.***

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