

THE ULTIMATE MULTI FUNCTION WEATHER METER

The measurement of Wind Speed, Wind Direction, Wind Chill, Temperature, Humidity, Barometric pressure and Altitude make this the ultimate wind meter for the military, first responders and other professionals.

This comprehensive weather monitor gives full environmental data specific to your location and includes a 48-hr history for every function, hour-by-hour and in a bar graph. The fluxgate compass reads when held vertically, gives wind direction in degrees and compass points; it calculates crosswind & head/tail wind. The compass can be calibrated for variation/declination and deviation. In addition to wind speed/direction, temperature, barometric pressure, altitude, and humidity, the unit includes wind chill, Wet Bulb, Dew Point, Delta T & Density Altitude. The WM-350 gives an accurate weather forecast and an audio storm alarm alerts you to weather changes, even if the unit is off.

The instrument has Speedtech's exclusive Accuweather.com, patented Comfort Index, which is the effect of temperature, relative humidity, wind speed & sun intensity on the human body. The formula can be adjusted based on sun intensity and is superior to Heat Index. The case is water resistant, shockproof, & the jack-knife design allows for the most accurate measurements, as your hands heat and moisture do not interfere with any sensors. WM-350 can be tripod-mounted and accommodates the Model SM-WT wind tunnel accessory for very precise measurements. All WindMates meet NIST calibration standards and wind speed accuracy tested better than +/- 3%. 2-Year Warranty.



Includes all the features of the WindMate WM-100, WM-200 and WM-300 Plus:-

- Altitude to 29,000 feet
- Weather forecast
- Storm warning
- Time, date and alarm
- Delta T
- Dewpoint
- Accuweather's patented Comfort Index
- Jackknife case allows most accurate
- Temperature and RH readings
- 48 hour history, all functions

ACCURACY:

- Wind +/- 3% when aligned with winds axis
- Compass +/- 2°
- Temp/Wind chill +/- 2°
- Relative Humidity +/- 3%
- Wet bulb/Dew point +/- 3.6°
- Barometer +/- .05 inHg
- Altimeter +/- 50 Ft
- Density Altitude +/- 246 Ft



Humidity sensor does NOT require calibration

WINDMATE WM-350

FEATURES & SPECIFICATIONS



Features:

Time * Date
48-Hr history for all functions
Swiss-made impeller components * Current, Avg, Max wind speed
USA-made fluxgate compass * Use as bearing compass
Digital wind direction * crosswind * head/tail wind calculations
Lifetime calibrated Swiss-made Humidity sensor
Temperature * Wind chill * Wet Bulb * Dew point * Delta T
Swiss-made Barometer sensor * Weather forecast * Audio storm alarm
Altimeter to 29,000 Ft * Density altitude
Exclusive Accuweather.com® patented Comfort Index®
Auto Shutoff can be disabled
Threaded for tripod mounting * EL Backlight * Water/Shock resistant

Specifications:

ACCURACY:

Wind +/- 3% when aligned with winds axis
Compass +/- 2°
Temp/Wind chill +/- 2°
Relative Humidity +/- 3%
Wet bulb/Dew point +/- 3.6°
Barometer +/- .05 inHg
Altimeter +/- 50 Ft
Density Altitude +/- 246 Ft

RANGE:

Wind .8-89 MPH
Temp -20° to 158° F * Windchill -50° to +50° F
Compass 0° to 360°
Relative humidity 5% to 95%
Wet bulb 32° to 100° F * Dew point -20° to 158° F
Barometer 8.86 to 32.48 inHg
Altimeter 6000 to 29,000 Ft
Density altitude -49 to 257 Ft

RESPONSE TIMES:

Current & maximum wind 1-sec
Avg wind over 10-secs
Temp 1-minute * Windchill 1-sec
Wind direction & compass 1-sec
Cross/head/tail wind 5-sec
Relative humidity, wet bulb, Delta T, dew point 1-minute
Barometer 2-sec
Altimeter 1-sec

OPTIONAL UNITS:

Knots, MPH, KPH, FPM, M/Sec, Beaufort
InHg or hPa °
° F or ° C
Ft or Meters

Jack-knife case/handle
keeps hand distant
from sensors and
allows most accurate
measurements



POWER: CR 2032 Lithium battery (included)

MEASURES:

5.5 x 1.75 x .75 (closed) * 9 x 1.75 x .75 (open)

WEIGHS: 3.6 oz (with battery)