

# WindMate Specifications

## **WM – 100**

	<b>Accuracy</b>	<b><u>Range</u></b>
Wind Speed:	±3%	0.8 to 89 MPH
<b>Operational Units:</b>	MPH, KMPH, KNT, FPM, MPS, Beaufort, F or C	
<b>Response Time:</b>	Current wind speed; Average wind – 5,10,13 seconds	
<b>Power:</b>	400+Hr Lithium CR2032 battery	

## **WM – 200**

	<b>Accuracy</b>	<b><u>Range</u></b>
Wind Speed:	±3%	0.8 to 89 MPH
Wind Direction	±3% (±10°)	0-360°
Temperature	±3.6°F (±2°C)	-20° to 158°F (-29° to 70°C)
Windchill	±3.6°F (±2°C)	-50° to 50°F (-45.6° to 10°C)
Digital Compass	±10° with proper calibration	0 to 360°

<b>Operational Units:</b>	MPH, KMPH, KNT, FPM, MPS, Beaufort, F or C	
<b>Response Time:</b>	Current Wind Speed; Average wind – 5,10,13 seconds; Wind Direction/ Windchill/ Compass 1 second, Temperature 1 minute	
<b>Power:</b>	400+Hr Lithium CR2032 battery	

## **WM – 300**

	<b>Accuracy</b>	<b><u>Range</u></b>
Wind Speed:	±3%	0.8 to 89 MPH
Wind Direction	±3% (±10°)	0-360°
Temperature	±3.6°F (±2°C)	-20° to 158°F (-29° to 70°C)
Windchill	±3.6°F (±2°C)	-50° to 50°F (-45.6° to 10°C)
Digital Compass	±10° with proper calibration	0 to 360°
Relative Humidity	±6%	20% to 80%
Wet Bulb	±3.6°F (±2°C)	32° to 100°F (0° to 37.8°C)
Dewpoint	±3.6°F (±2°C)	-20 to 158°F (-29° to 70°C)

<b>Operational Units:</b>	MPH, KPH, MPS, FPM, KNT, Beaufort, F or C	
<b>Response Time:</b>	Current Wind Speed; Average wind – 5,10,13 seconds; Wind Direction / Windchill/ Compass/ Relative Humidity 1 second, Temperature/ Wet Bulb/ Dewpoint 1 minute	
<b>Power:</b>	400+Hr Lithium CR2032 battery	



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## **WM – 350**

	<b>Accuracy</b>	<b>Range</b>
Wind Speed:	±3%	0.8 to 89 MPH
Wind Direction	±3% (±10°)	0-360°
Temperature	±3.6°F (±2°C)	-20° to 158°F (-29 ° to 70°C)
Windchill	±3.6°F (±2°C)	-50° to 50°F (-45.6° to 10°C)
Digital Compass	±10° with proper calibration	0 to 360°
Relative Humidity	±6%	20% to 80%
Wet Bulb	±3.6°F (±2°C)	32° to 100°F (0° to 37.8°C)
Dewpoint	±3.6°F (±2°C)	-20 to 158°F (-29° to 70°C)
Barometer	±0.1 inHg (±3 mbar)	at 77°F, <19700ft (at 25°C, <6000m)
Altitude	±50ft/15m	at 77°F, <19700ft, Max error ±98ft (at 25°C, 6000m, Max error ±30m)
Density Altitude	±246ft/75 m	32°F to 100°F (0° to 37.8°C)
<b>Operational Units:</b>	MPH, KPH, MPS, FPM, KNT, Beaufort, F or C	
<b>Response Time:</b>	Current Wind Speed; Average wind – 5,10,13 seconds; Wind Direction/ / Windchill/ Compass/ Relative Humidity/ Barometer/ Altitude/ Density Altitude 1 second; crosswind – 5 seconds; Temperature/ Wet Bulb/ Dewpoint/headwind - 1 minute	
<b>Power:</b>	400+Hr Lithium CR2032 battery	



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