Windscribe

Ultrasonic Wind & Temperature Meter

WindScribe™ uses patented ultrasound technology to measure wind speed, temperature and wind chill. Both compact and lightweight, WindScribe contains no moving parts and has nothing to wear out or break. It's easy to use: just point into the wind. WindScribe measures wind speed in two directions. Headwinds are indicated as a positive wind speed and tailwinds are indicated as a negative wind speed. The easy to read, large LCD display includes a hold feature to capture readings. WindScribe is always ready to go, with nothing to collapse or fold in order to use it.

Physical

Wind Speed Sensor	Ultrasonic
Temperature Sensor	Ultrasonic
Batteries	CR2032, 3 volt lithium cell
Battery Life	600 hours
Operating Temperature	-4° to +122°F (-20° to +50°C)
Storage Temperature	+32° to +122°F (0° to +50°C)
Case Material	ABS plastic
Dimensions	5.0" x 3.0" x 0.9" (127 x 76 x 23mm)
Weight	4 oz. (120 g)

Operation

Buttons	ON/HOLD button (on, display hold, off and clear) WIND button (select wind speed display mode and units) TEMP button (select temperature display mode and units)
Auto Shutdown	After 5 minutes of no button use and zero wind speed.

Display

Update Interval	1.25 seconds
Type	LCD

Wind Speed

Display Modes	current (1.25 second avg.), 5 second avg.,running avg., maximum, minimum
Measurement Units	MPH, knots, fps, fpm(10), km/h, and m/s
Resolution	0.1 for all units
Speed Range	+/- 150 mph
Minimum Measured Speed	0.3 mph
Accuracy	± 3%
Sample Period	80ms
Update Interval	1.25 seconds (average of last 16 samples)
Running Average Capture	Every 5 seconds
Calibration Method	No calibration required, zero speed set at startup
Calibration Drift	None

Temperature

Display Modes . . . . current (1.25 second avg.), maximum, minimum, wind chill, minimum wind chill

Resolution and Units . . . . 0.1°F or 0.1°C (user-selectable)

Range . . . . -40° to +150°F (-40° to +65°C)

Accuracy . . . . ± 2°F (1°C) >32°F (0°C), ± 4°F (2°C) <32°F (0°C)

Sample Period . . . . 80 ms

Update Interval . . . . 1.25 seconds (average of last 16 samples)

Calibration Method . . . . Current temperature range set at startup

Calibration Drift . . . . None

Wind Chill

Wind Chill Range . . . . -40° to +80°F (-40° to +270°C)

Min Wind Chill Capture . . . . Every 5 seconds

Wind Chill Formula . . . . Osczevski (1995) (adopted by US NWS in 2001)

Wind Chill Source Variables . . . . Current temperature and 5 second average wind speed

Package Dimensions

Product #	Package Dimensions (Length x Width x Height)	Package Weight	UPC Codes
0276	10.00" x 6.00" x 1.70" (250 mm x 152 mm x 45 mm)	7.1 oz. (0.2 kg)	011698 00598 7