



Function	0810	0820	0825	0825NV	0830	0835	0835NV	0835DT
Current Wind Speed	✓	✓	✓	✓	✓	✓	✓	✓
Max. Wind Gust	✓	✓	✓	✓	✓	✓	✓	✓
Avg. Wind Gust	✓	✓	✓	✓	✓	✓	✓	✓
Volume Air Flow								
Temperature		✓	✓	✓	✓	✓	✓	✓
Wind Chill		✓	✓	✓	✓	✓	✓	
Relative Humidity					✓	✓	✓	✓
Heat Stress Index					✓	✓	✓	
Dewpoint Temp.					✓	✓	✓	✓
Wet Bulb Temp.						✓	✓	✓
Humidity Ratio								
Evaporation Rate								
Delta T								✓
Barometric Pressure			✓	✓		✓	✓	✓
Absolute Pressure								
Altitude			✓	✓		✓	✓	✓
Air Density								
Density Altitude								
Digital Compass								
Wind Direction								
Crosswind								
Headwind/Tailwind								
Backlit Display		✓	✓	✓	✓	✓	✓	✓
Pressure Trend			✓	✓		✓	✓	
Data Storage								
Data Upload								
Clock			✓	✓		✓	✓	✓
<b>Price</b>	<b>\$116</b>	<b>\$150</b>	<b>\$231</b>	<b>\$242</b>	<b>\$231</b>	<b>\$300</b>	<b>\$312</b>	<b>\$312</b>

## Specifications:

**Air Velocity Range:** 0.4 to 60.0 m/s; 59 to 11,948 fpm; 1.0 to 218.0 kph; 0.8 to 135.0 mph; 0.6 to 118.3 knot; 0 to 12 Beaufort

**Accuracy:** Larger of 3% rdg. or LSD

**Air Flow Range:** 0 to 99,999 cfm; 0 to 99,999 m<sup>3</sup>/h; 0 to 99,999 m<sup>3</sup>/m; 0.0 to 9,999.9 m<sup>3</sup>/s; 0 to 99,999 l/s

**Accuracy:** 3% rdg.

**Temperature Range:** -49.0 to 257.0°F; -45.0 to 125.0°C

**Accuracy:** 1.8°F; 1.0°C

**Humidity Range:** 0.0 to 100.0% RH

**Accuracy:** 3.0% RH

**Evaporation Rate:** 0.00 to 1.00 lb/ft<sup>2</sup>/hr; 0.00 to 5.00 kg/m<sup>2</sup>/hr

**Accuracy:** ±0.02 lb/ft<sup>2</sup>/hr; ±0.1 kg/m<sup>2</sup>/hr

**Pressure Range:** 0.3 to 32.5 inHg; 10 to 1100 hPa/mb; 0.15 to 16.0 psi

**Accuracy:** 0.05 inHg; 1.5 hPa/mb; 0.02 psi

**Altitude Range:** -6000 to 30,000 ft; -2000 to 9000 m

**Accuracy:** 50 ft; 15 m

**Cross/Head/Tailwind Range:** 0.8 to 135.0 mph; 59 to 11,880 fpm; 1.0 to 217.3 kph; 0.4 to 60.0 m/s; 0.6 to 117.3 knot

**Accuracy:** 5%

**Wind Chill Range:** 0.8 to 135.0 mph, -49.0 to 257.0°F; 0.4 to 60.0 m/s; -45.0 to 125.0°C

**Accuracy:** 1.8°F; 1.0°C

**Heat Index & Dew Point Range:** 0.0 to 100.0%RH, -49.0 to 257.0°F; 0.0 to 100.0%RH, -45.0 to 125.0°C

**Accuracy:** 3.6°F; 2.0°C

**Wet Bulb Temperature Range:** -49.0 to 257.0°F, 0.0 to 100.0% RH, 8.86 to 32.48 inHg; -45.0 to 125.0°C, 0.0 to 100.0% RH, 300.0 to 1100.0 hPa

**Accuracy:** 3.6°F; 2.0°C

**Humidity Ratio Range:** 0.000 to 5.000.0 gpp; 0.00 to 720.0 g/kg

**Accuracy:** 10%

# Wind Meters

**NEW!**



0840GRY	0840NV	0842	08425	0843	0845	0845NV	Function
✓	✓	✓	✓	✓	✓	✓	Current Wind Speed
✓	✓	✓	✓	✓	✓	✓	Max. Wind Gust
✓	✓	✓	✓	✓	✓	✓	Avg. Wind Gust
		✓					Volume Air Flow
✓	✓	✓	✓	✓	✓	✓	Temperature
✓	✓	✓	✓	✓	✓	✓	Wind Chill
✓	✓	✓	✓	✓	✓	✓	Relative Humidity
✓	✓	✓	✓	✓	✓	✓	Heat Stress Index
✓	✓	✓	✓	✓	✓	✓	Dewpoint Temp.
✓	✓	✓	✓	✓	✓	✓	Wet Bulb Temp.
		✓	✓				Humidity Ratio
				✓			Evaporation Rate
							Delta T
✓	✓	✓		✓	✓	✓	Barometric Pressure
			✓				Absolute Pressure
✓	✓	✓		✓	✓	✓	Altitude
			✓				Air Density
✓	✓	✓	✓	✓	✓	✓	Density Altitude
					✓	✓	Digital Compass
					✓	✓	Wind Direction
					✓	✓	Crosswind
					✓	✓	Headwind/Tailwind
✓	✓	✓	✓	✓	✓	✓	Backlit Display
✓	✓	✓	✓		✓	✓	Pressure Trend
✓	✓	✓	✓	✓	✓	✓	Data Storage
✓	✓	✓	✓	✓	✓	✓	Data Upload
✓	✓	✓	✓	✓	✓	✓	Clock
<b>\$392</b>	<b>\$415</b>	<b>\$404</b>	<b>\$404</b>	<b>\$404</b>	<b>\$473</b>	<b>\$484</b>	<b>Price</b>

Density Altitude Range: -49.0 to 257.0°F, 0.0 to 100.0% RH, 8.86 to 32.48 inHg; -45.0 to 125.0°C, 0.0 to 100.0% RH, 300.0 to 1100.0 hPa

Accuracy: 246 ft; 75 m

Air Density Range: -49.0 to 257.0°F, 0.0 to 100.0% RH, 8.86 to 32.48 inHg; -45.0 to 125.0°C, 0.0 to 100.0% RH, 300.0 to 1100.0 hPa

Accuracy: ±2%

Wind Direction Range: 0 to 360° Cardinal points

Accuracy: 5°

Pressure Trend: Continuously updating 3-hr barometric pressure trend indicator: rising rapidly, rising, steady, falling, falling rapidly

Data Storage: 2000-point data logger w/ graphical display; interval settable from 2s to 12 hr

Display: **1000, 2000, 3000:** Reflective 3-1/2 digit LCD; **2500, 3500:** Reflective 4-digit LCD; **4000, 4200, 4250, 4300, 4500:** Multi-digit programmable dot matrix

Power Supply: **1000, 2000, 2500, 3000, 3500:** One CR2032 battery (included); **4000, 4200, 4250, 4300, 4500:** Two AAA batteries

Dimensions/Weight: **1000, 2000, 2500, 3000, 3500:** 122 x 42 x 18mm/65g; **4000, 4200, 4250, 4300, 4500:** 127 x 45 x 28mm/102g

Model	Description	Price
<b>0801</b>	Replacement Impeller	<b>\$24</b>
<b>0802</b>	RH Calibration Kit	<b>\$116</b>
<b>0791</b>	Rotating Vane Mount	<b>\$81</b>
<b>0792</b>	Collapsible Tripod	<b>\$104</b>
<b>0793</b>	Tripod Clamp	<b>\$18</b>
<b>0807</b>	Mini Tripod w/ Carrying Case	<b>\$29</b>
<b>0804SER</b>	Interface Serial Port	<b>\$104</b>
<b>0804USB</b>	Interface USB Port	<b>\$139</b>
<b>0805</b>	Carrying Case	<b>\$24</b>
<b>0806BLK</b>	Tactical Carrying Case, Black	<b>\$47</b>