

DIGITAL ANEMOMETERS

MODEL NO.BE816/BE818



BE816

APPLICATION

This Dual Function Meter simultaneously measures & displays air speed and temperature of the moving air. Super small in size and light weight but it has wide measurement range of 0.8~30m/s wind speed with accuracy of $\pm 5\%$ and $-10\sim 45^{\circ}\text{C}$ ($14\sim 113^{\circ}\text{F}$) temperature with accuracy of $\pm 2^{\circ}\text{C}$ ($\pm 3.6^{\circ}\text{F}$). This digital handheld anemometer accurately displays wind speed in m/s, fpm, mph, kph and knots and temperature in Celsius ($^{\circ}\text{C}$) or Fahrenheit ($^{\circ}\text{F}$). It provides current, maximum, and average wind speed measurement plus it indicates wind chill. Also displayed is a Beaufort wind scale bar graph whose reading corresponds to the digital wind speed display.

KEY FEATURES

- Do micro spot measurements
- Mini and light weight
- Non-slip Rubber Protection Cover to protect the meter
- Simultaneous measure and display wind speed & temperature
- Digital Thermometer with range $-10\sim 45^{\circ}\text{C}$ ($14\sim 113^{\circ}\text{F}$)
- Fast Air Speed measure range: 0.8~30m/s (0~90km/h if converted to kilometers per hour)
- Multiple SI units: m/s, km/h, fpm, mph, or knots
- Wind speed is also displayed in a Beaufort wind scale bar graph
- Display options in wind speed mode are current wind speed, maximum wind speed since power-on, and average wind speed since power-on
- Wind chill is displayed in the selected temperature unit
- Temperature indication is selectable for either $^{\circ}\text{F}$ or $^{\circ}\text{C}$
- Built-in rotating vane sensor and backlight with auto-off
- Case is weather resistant (but not submersible)
- Ultralight impeller is mounted in jewel (sapphire) bearing for precision, wide range of speeds and low startup speed
- Guaranteed quick response & accurate readings, no guessing errors
- Auto/Manual power-off with low battery warning
- Detachable neck lanyard and battery are included
- Powered by 1 CR2032 (3V) battery, which is included and preinstalled
- With CE marking, approved by European Directives for health & safety requirements

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SPECIFICATIONS

- * Measurement units & parameters: Air Speed/Velocity: m/s, km/h, ft/min, knots, mph; Air Temperature: °C & °F
- * Special Functions: Wind Speed/Velocity: Current (Cu); Maximum (MAX) and Average (AVG)
- * Backlight; Sapphire ball bearing, NTC Thermometer
- * Air Velocity range:
 m/s(meters per second): 0.8-30m/s; Accuracy: ±5% ;Resolution: 0.1; Threshold: 0.1
 Ft/min(feet per minute): 0-5860ft/min; Accuracy: ±5%; Resolution: 19; Threshold: 39
 Knots(nautical miles per hour): 0-55knots; Accuracy: ±5%; Resolution: 0.2; Threshold: 0.1
 Km/hr(kilometers per hour): 0-90; Accuracy: ±5%; Resolution: 0.3; Threshold: 0.3
 Mph(miles per hour): 0-65mph; Accuracy: ±5%; Resolution: 0.2; Threshold: 0.2
- * Temperature Range: -10~+45°C (14~113°F); Accuracy: ±2°C(±3.6°F)
- * Battery: CR2032, 3.0V
- * Operating temperature: -10~+45°C (14~113°F)
- * Operating Humidity: ≤90%RH
- * Store Temperature: -40~+60°C (-40~140°F)
- * Current consumption: About 3mA
- * Weight: 52g(with battery & lanyard)



BE818

ACCESSORIES

- * 1 x 3V Button Battery
- * 1 x Slip rubber protection cover (BE816)
- * 1 x Neck Strap/Lanyard
- * 1 x Instruction Manual
- * Standard Factory Package