

ANEMOMETER

เครื่องวัดความเร็วลม

MODEL : BE816A

APPLICATIONS

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 0~30m/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.

Larger anemometers can't usually do spot measurements accurately, but this device can! Detect deterioration in small ventilation equipment over time in vacuum cleaners and CPU fans etc.. Use this device to find out if your device is aging or slowing down! Ideal also for weather enthusiasts, lovers of kite flying, kite-surfing, wind-surfing, hang gliding, paragliding and sailing.

FEATURES

- Do micro spot measurements BE816A
- 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: 0~30m/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) lithium battery, which is included and preinstalled
- With ISO9001 and UKAS approval
- With CE marking, approved by European Directives for health & safety requirements



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): 0-30m/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)



ACCESSORIES

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

