# Wind Meter (Anemometer)
# LWND-A11

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Wind Meter (Anemometer) LWND-A11 is a multi-functional device used to measure air velocity, wind speed, temperature and direction.  Features hold function, storage capacity, power saving mode, Bluetooth option etc. which makes it perfect for outdoor and indoor measurements. It is used in weather forecast, fire department, refrigeration industry and many more places.

## Features

- Measures air velocity, wind speed and temperature
- Low-friction ball bearing design for free vane movement
- Options to select desired measurement units
- Hold function to display maximum value for longer time
- Stores 24 groups of data
- Auto-power off if device un-used for more than 9 min
- RS-232 connection available
- Bluetooth function to transfer data
- Light weight and user friendly interface
- LCD screen with backlight to view and pre-set values
- AAA battery must be purchased for this device

## Applications

It is used Laboratory, several manufacturing units, environmental research organizations etc.

# Specifications

| Model No | | LWND-A11 | | | |
|---|---|---|---|---|---|
| Air Velocity | Range Options | 0.4 to 45.0 m/s ( meters /sec ) | 1.4 to 162.0 km/h ( kilo-meters/hour ) | 0 to 8860 ft /min ( feet /minute ) | 0.8 to 88.0 knots ( nautical MPH ) |
| | Resolution | 0.1 | 0.1 | 0.1 | 0.1 |
| | Accuracy | ±(2%n+0.1 m/s) | ±(2%n+0.1km /h) | ±(2%n+1ft/ min) | ±(2%n+0.1 nots) |
| Air Flow | Range Options | 0 to 9999 cubic meters/min | | 0 to 9999 cubic ft/min | |
| | Resolution | 0.001 to 1 | | 0.001 to 1 | |
| | Accuracy | ± (2%n+1m³/min) | | ± (2%n+1ft³/min) | |
| Beaufort Scale | Range | 0 to 12 | | | |
| | Resolution | 0.1 | | | |
| | Accuracy | ± 0.5 | | | |
| Wave Height | Range | 0 to 14 | | | |
| | Resolution | 0.1 | | | |
| | Accuracy | ± 0.1 | | | |
| Air Temperature | Range Options | 32 to 140°F | | 0 to 60°C | |
| | Resolution | 0.1°F | | 0.1°C | |
| | Accuracy | 0.9°F | | 0.5°C | |
| Direction | Range Options | 0 to 360° | | | |
| | Resolution | 22.5° | | | |
| | Accuracy | ± 22.5° | | | |
| Packaging Dimension | | 156×67×28 mm | | | |
| Weight | | 1.5 kg | | | |