

# DATA SHEET

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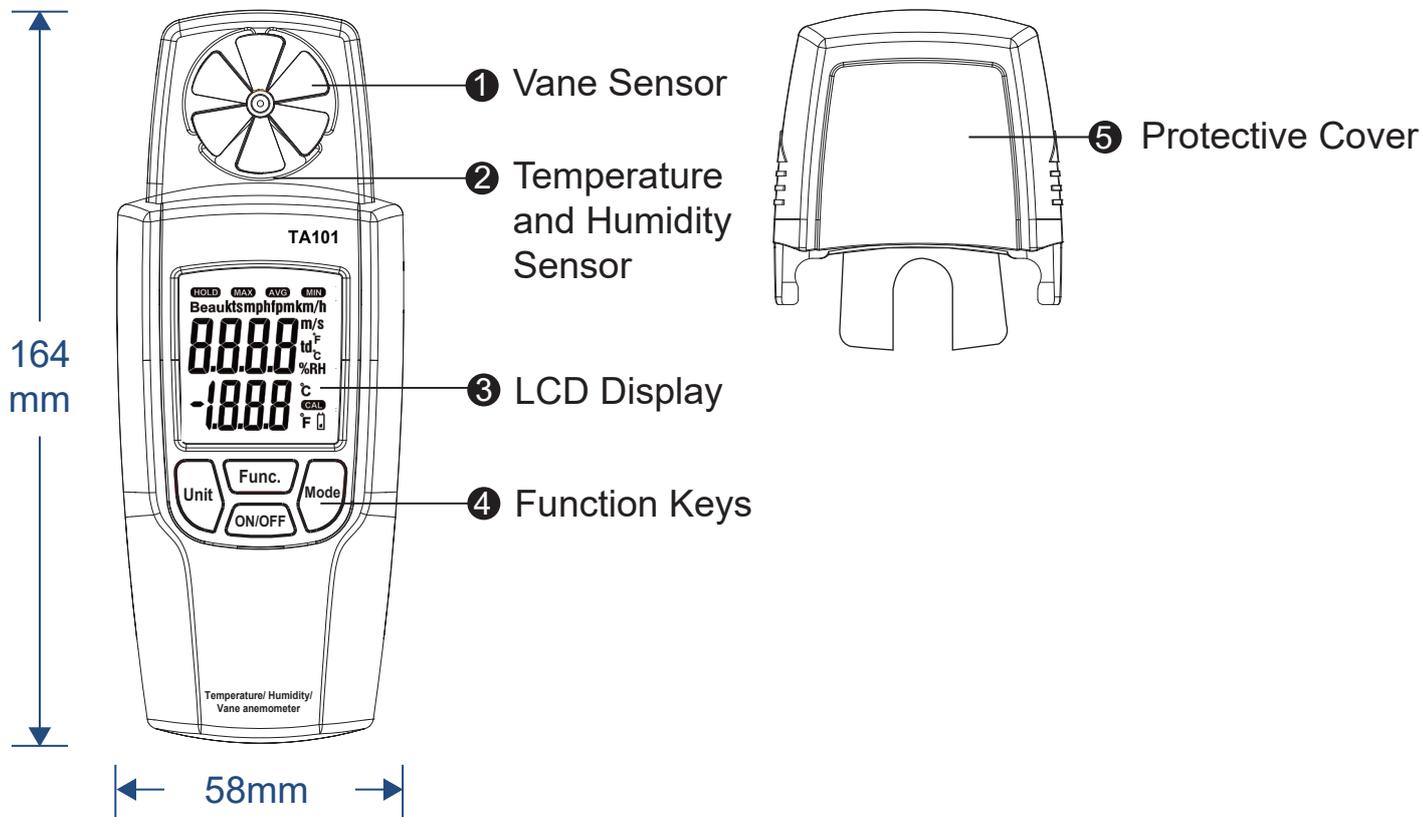
## ANEMOMETER TA101

### PRODUCT HIGHLIGHTS

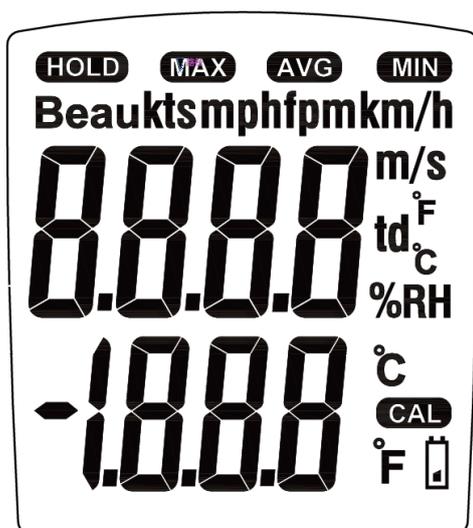


- MAX/ MIN Value Measurement
- Range Display
- Data Hold
- Backlight
- Low Power Indication
- Auto Power Off
- Battery 1.5V (AAA) x 3

## 1. PANEL AND CONSTRUCTURE



## 2. LCD AND SYMBOL



- Dual Display: 7-segment characters LCD
- Number of digits: 4 digits
- Overflow display: "OL" is displayed
- Sample rate: 2 times/ sec for digital data

## 3. ANEMOMETER SELECTION GUIDE

|                        | TA101  |
|------------------------|--|
| Range                  | Velocity: 0.4~20m/ s, 80~4000fpm<br>Temperature: -10~50°C, 14~122°F<br>Air volume: 99999 m <sup>3</sup> / h                                      |
| Accuracy               | Velocity: ±(2% of reading + 0.3m/ s)<br>±(2% of reading + 60fpm)<br>Temperature: ±1°C; ±1.8°F<br>Air volume: ±(3% of reading) m <sup>3</sup> / s |
| Resolution             | Velocity: 0.1m/ s, fpm<br>Temperature: 0.1°C, 0.1°F<br>Air volume: 1m <sup>3</sup> / h   |
| Measurement Parameters | Velocity: m/ s, km/ h, fpm, mph<br>kts, Beaufort<br>Temperature: °C, °F<br>Air volume: m <sup>3</sup> / h, m <sup>3</sup> / s, CFM               |
| Humidity Range         | -  |
| Wind Volume Range      | 0-99999 m <sup>3</sup> / s   |
| Temperature Range      | -10°C~50°C (14°F~122°F)  |
| Wind Speed Range       | 0.4~20 m/ s, 80~4000 fpm   |
| Sample Rate            | 2 times/ sec   |
| Display                | 4 digits LCD display   |
| Data Hold              | •  |
| MAX/ MIN Value         | •  |
| Backlight              | •  |
| Overload Display       | •  |
| Auto Power Off         | •  |
| Low Power Indication   | •  |
| Power                  | 1.5V battery (AAA) x 3   |
| Size                   | 164 x 58 x 29 mm   |
| Weight                 | ~128g (without battery)  |

**4. GENERAL SPECIFICATIONS**

| Function                        | Value  |
|---------------------------------|--|
| Pollution degree                | 2  |
| Operating altitude              | < 2000 m   |
| Operating temperature/ humidity | -10°C~50°C, 14°F~122°F; 0~80% RH                         |
| Storage temperature/ humidity   | -20°C~60°C, -4°F~140°F; 0~80% RH                         |
| Power supply                    | 1.5V (AAA) x 3   |
| Dimension/ weight               | 164(L) x 58(W) x 29(H) mm/ Approx 128g (without battery) |

**5. SCOPE OF SUPPLY**

| Model Number | Scope of Supply       | Quantity |
|--------------|-----------------------|----------|
| TA101        | Anemometer            | 1 Piece  |
|              | Protective Cover      | 1 Piece  |
|              | Wrist String          | 1 Piece  |
|              | User Manual           | 1 Piece  |
|              | Battery 1.5V (AAA)    | 3 Pieces |
|              | Protective Carry Case | 1 Piece  |
|              | Box                   | 1 Piece  |