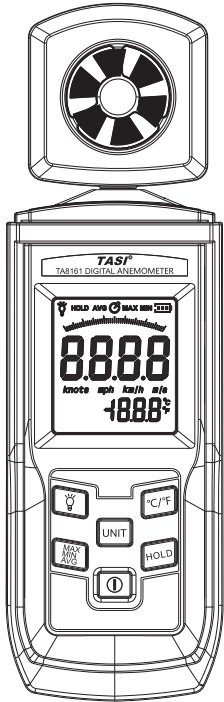# TASI®

Digital Anemometer Model：TA8161
Instruction Manual

SUZHOU TASI ELECTRONICS CO.,LTD.

Version:TA8161 EN-02

Thanks for choosing the product of our company,thank you very much. Before using our product, please read the instruction manual carefully which will show you the correct way to operate. We wish that will help you experience the excellent performance of our product.

A. Introduction

Before you use this product, please read this manual. This anemometer is widely used in electricity, iron and steel, petrochemicals, energy, marine, fan manufacturing, pipe ventilation system, underground warehouses, and other industries.

In addition to this anemometer to measure wind speed, but also can measure the air temperature.

B. Features

(1) Wind speed measurement
(2) Measuring unit options
(3) Data hold
(4) Max / Min / Avg / Cu measurment
(5) LCD back light
(6) Auto power off

C. Operations

(1) Open the battery door. Install 2*AAA Batteries.
(2) Reading data hold function: Press " HOLD " once, LCD displays sign,"H" and the measuring data locked and hold, press " HOLD " twice, lock canceled, sign "H" will vanish, restarting to scan.
(3) MAX/MIN/AVG functions: When turn on and the vane spins, LCD display current wind speed. Press MAX/MIN/AVG button to switch maximum,minimum,average.
MAX: maximum wind speed measuring
MIN: minimum wind speed measuring
AVG: Average wind speed measuring

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(4) Wind temperature unit selection button:Press "℃/℉", the sign"℃" or "℉"will flicker and select the unit you need.
(5) LCD light button: Press " ☼ " to turn on the LCD light or turn it off.
(6) Wind speed unit selection: Press "UNIT" button to select m/s,Km/h,mph,knots for measuring unit.
(7) Automatic power off function: Press"℃/℉ "button for 3 seconds,"APO ON"will display, and press"℃/℉" button to trigger ON or OFF APO mode. Press" ℃/℉" button for 3 seconds again,return to the measuring mode. APO ON:Power is automatically turn off, if no operation for 10 minutes.
(8) Power button: Press " ON/OFF " to select ON or OFF.

D. Specification

(1) The operating environment:
   Humidity: 80%R.H.
   Temperature: -10℃ to 50℃ (14℉ to 122℉)
(2) Storage environment:
   Humidity: 10% to 90%
   Temperature: -20℃ to 60℃ (-4℉ to 140℉)
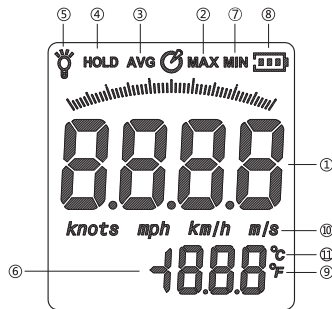(3) Wind / temperature measurement range

Unit	Range	Resolution	Accuracy
℃	0.0℃ ~ 45.0℃	0.2	±2℃
℉	32.0℉ ~ 113.0℉	0.36	±3.6℉
Current consumption	20mA		
Weight	59g (not including battery)		
Battery	3V (2*AAA)		

Unit	Range	Resolution	Threshold	Accuracy
m/s	0.3~30	0.1	0.3	±3%±5dgts
Knots	0~58	0.2	0.5	
Km/h	1~108	0.3	1.0	
Mph	0~67	0.2	0.6	

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E. Diagram description

(1) LCD
(2) ON/OFF button
(3) LCD back light button
(4) Temperature unit select button
(5) Wind speed unit select button
(6) MAX/MIN/AVG function button
(7) Data hold button
(8) Vane

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F. LCD screen display description

(1) Wind speed value display
(2) Maximum reading display
(3) Average reading display
(4) Hold data display
(5) Backlight symbol
(6) Temperature reading
(7) Minimum reading display
(8) The battery power symbol
(9) Fahrenheit
(10) Celsius
(11) Wind unit

G. caution

(1). Do not place the instrument in a place of high temperature and high humidity.
(2). Do not store the instrument in high concentrations of salt or sulfur in the air.
(3). Remove the batteries will not be used to avoid electrolyte leakage damage the product.
(4). Do not clean with alcohol, dilution and other equipment, dip a small amount of water can be cleaned with a soft cloth.

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📄 Special Statement

a. Used batteries must be in accordance with local laws and regulations to deal with!
b. The Company reserves the right to update and modify the design of the product specifications and manual contents are subject to change without prior notice!

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