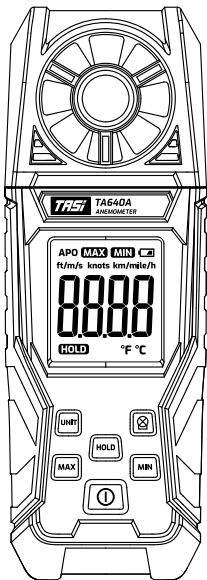


## TA640A DIGITAL ANEMOMETER Users Manual



Dear customer,  
Thank you for choosing TASI.  
If there are any technical questions, please contact:  
<http://www.china-tasi.com>


### Introduction

TA640A is used to measure the air velocity, it has data hold, max and min value. It is applicable to electric power, steel, petrochemical, aviation, fan manufacturing, pipeline ventilation system, underground warehouse and other occasions.

### Safety Information

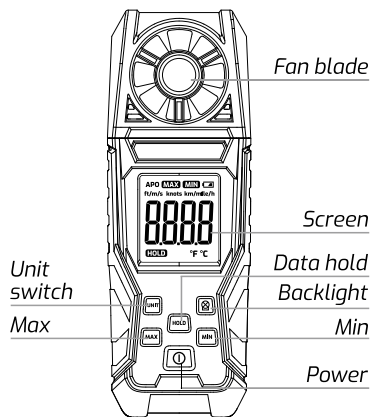
To prevent eye damage and personal injury, please read all safety information carefully before you use the product.

### Warning

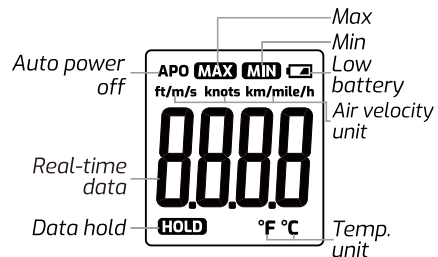
- Do not use this product in an environment with explosive gas, flammable vapor and dust;
- Please check the product before use. Do not use if the product is damaged;
- Replace the batteries when the "  " symbol shows to prevent incorrect measurements;
- To prevent battery leakage, please remove the battery if the product is not used for an extended period of time, or if stored in temperatures above 50°C;
- Only authorized technicians are allowed to repair this product.

## Product

### Overview



### Display



## Technical Specifications

Air velocity	Range	0.3 ~ 30.0m/s
	Accuracy	±(2%+0.2)
	Resolution	0.1 / 1
Air temp.	Range	0 ~ 45°C
	Accuracy	±2°C
Display		4 digits, max 9999
Sensor		Infrared laser tube cutting method
Sampling rate		2 times/s
Working environment		-10 ~ 50°C, max 80%RH, indoor altitude<2000m
Storage environment		-10 ~ 50°C, max 70%RH (battery removed)
Product size		168 x 59 x 29mm
Screen size		34 x 31mm
Weight		Approx. 120g (battery not included)
Power		2 x 1.5 AAA (R03/LR03)

## Air Velocity

Unit	Range	Resolution	Min value	Accuracy
m/s	0.3 ~ 30.0	0.1/1	0.1	±(2%+0.2)
km/h	1.0 ~ 108.0		1.0	±(2%+0.7)
ft/m	10 ~ 5905		10	±(2%+20)
mile/h	0.7 ~ 670		0.1	±(2%+0.2)
knots	10 ~ 58.32			

### Conversion

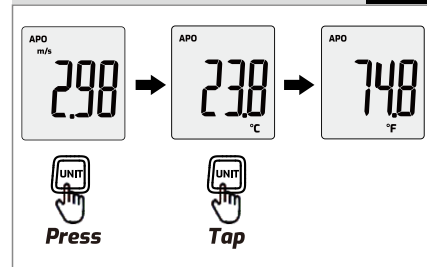
1m/s=3.6km/h=196.85ft/min=3.280ft/s=2.237mile/h=1.944knots

## Air Temperature

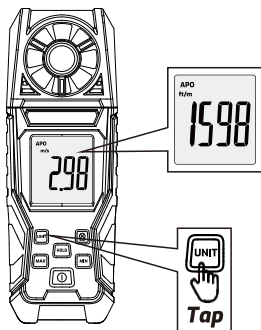
Unit	Range	Resolution	Accuracy
°C/°F	0 ~ 45°C (32.0 ~ 113.0°F)	0.1/1	±2°C (±3.6°F)

## Operation

### °C & °F

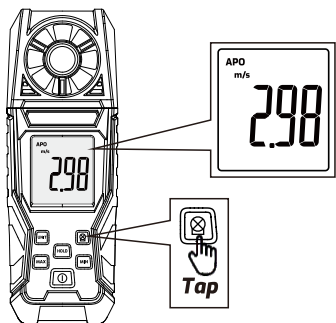


## Unit Switch 2



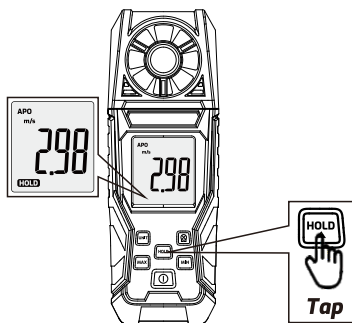
Air velocity unit (m/s, km/h, ft/m, mile/h, knots)

## Backlight 3

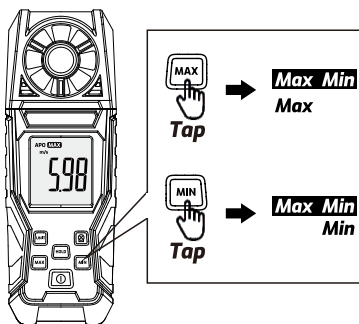


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## Data Hold 4

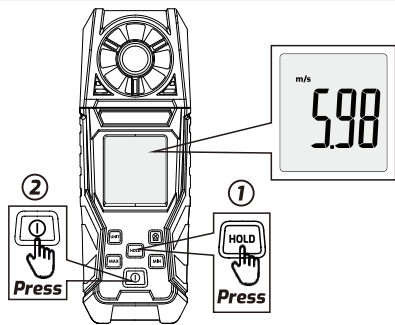


## Max / Min 5

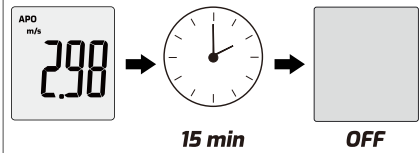


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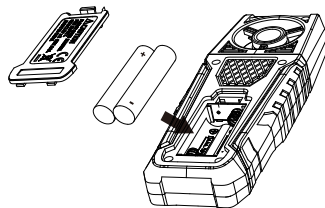
## Disable Auto Power Off 6



## Auto Power Off 7



## Battery Replacement 8



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## Warranty:

Each product is warranted in material and workmanship under normal use. The warranty period is one year and begins on the date of purchase.

To obtain warranty service, please contact the dealer or manufacturer to obtain return authorization information, then send the product to the service center.

**TASI**

CE

Product: DIGITAL ANEMOMETER  
Model: TA640A  
Date: 18/04/2024

**Suzhou TASI Electronics Co.,Ltd.**  
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<http://www.china-tosi.com>

**MADE IN CHINA**

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