#### **Operation Instructions**

Power on/off:	Press to power the meter on/off.		
Data Hold:	Whilst in measurement mode, press "[see ]", the LCD display will clearly		
HOLD	display "HOLD" which indicates the data is frozen, to release the held		
	reading. Press the " button again the release the reading.		
MAX/MIN:	Whilst in measurement mode, press ", to cycle through the maximum		
MIN	or minimum recorded light levels. The LCD display will clearly display		
	"MAX", or "MIN" to indicate the displayed value. Press and hold " to		
-	exit MIN/MAX mode and return to normal measurement mode.		
Unit:	With the meter turned on, press "to toggle between measurement units, from m/s, km/h, MPH, ft/min. Knots in turn		
UNITS			
°C / °F Mode:	Whilst the meter is turned off, press and hold " and press " and press". The		
HOLD	unit will power on with the temperature unit (°C/°F) toggled.		
Auto Power Off	Whilst the meter is turned off, press and hold "" and press "". The		
UNITS	unit will turn on with the auto power off feature toggled off.		
	<b>Note:</b> If the O icon is displayed, the auto power off feature is enabled.		

#### **Additional Notes**

- Recommended recalibration cycle: 1 year.
- Remove the battery when the meter is to be stored for long periods of time to avoid battery leakage.
- When the battery is low, the low battery indicator will appear. A new battery is needed.
- Do not store or operate the meter in high temperature or humidity.
- Wind blowing across the microphone increases the noise measurement. Use the supplied windscreen to cover the microphone when appliance.
- Keep the microphone dry and avoid severe vibration.
- Working in strong magnetic environment will affect the measuring accuracy.

CE This unit complies with EMC



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# Mini Vane **Thermo-Anemometer**





# MINI COLOUR LCD THERMO-ANEMOMETER MT-915 USER MANUAL

## Important Safety Notice

Read the following safety information carefully before attempting to operate or service the meter. Use the meter only as specified in this manual; otherwise, the protection provided by the meter may be impaired.

Environmental Operating Conditions				
Humidity:	≤ 90% RH (Non-condensation)			
Operating temperature:	-20 to 60°C / -4 to140°F			
Maintenance				
Repairs or servicing not covered in this manual should only be performed by qualified personnel.				
Wipe the unit with a dry soft cloth. Do not use abrasives or solvents on this instrument.				

### Application

Based on high-speed and high-precision MCU calculation, this anemometer can provide fast and accurate measurement. It is designed for air velocity and temperature measurement including, quality control and health and safety. It is widely used in applications such as constructional-engineering, factories, schools, public transport, etc.

#### **Features**

- · High accuracy, fast response
- · Color LCD display with backlight
- Air velocity and temperature measurement
- MAX/MIN/Data Hold

- Selectable measurement units: m/s, ft/min, MPH, km/hr or knots
- Over range indication
- Low battery indication
- Enable/Disable auto power off

### **Specifications**

Air Velocity Range	Resolution	Accuracy
0.4 $\sim$ 30.0 m/s	0.1 m/s	±( 3% + 0.3 m/s )
1.4 ~ 108 Km/h	0.1 Km/h	±( 3% + 1.0 Km/H )
0.9 ~ 67.0 MPH	0.1 MPH	±( 3% + 0.4 MPH )
0.8 ~ 58.0 knots	0.1 knots	±( 3% + 0.4 knots )
80 ~ 5900 ft/min	1.0 ft/min	±( 3% + 40 ft/min )
Temperature Range	-20°C to 70°C / -4°F 158°	F
Temperature accuracy	±1.5°C, 2.7°F	

Resolution	0.1
Data update	300ms
Battery life	Around 60 hours
Enable/Disable	The meter shuts off automatically after 15 minutes.
Auto power off	Auto power off can be disabled.
Power supply	3 x 1.5V "AAA" batteries
Operating conditions	Temp: -20°C to 60°C /-4°F to 140°F
	Humidity: 10%RH to 90%RH
Storage conditions	Temp: -20°C to 60°C /-4°F to 140°F,
	Humidity: 10%RH to 75%RH
Dimension	178.5 x 56 x 30.5mm
Weight	84g

# Meter description

- Vane sensor
- 2. LCD display
- Hold key
- 4. Power On/Off key
- MAX/MIN key
- 6. Unit conversion key
- 7. Battery compartment
- 8. Nameplate

#### LCD display description

- Data hold Icon
- 2. Auto power off Icon
- 3. Temperature readings
- Air Velocity readings
- 5. Velocity unit Icon
- 6. Temperature unit Icon
- 7. Low battery Icon
- MAX/MIN Icon



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#### Accessories:

- 1. User Manual
- 2. 3 x 1.5V AAA Battery

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