

# OPERATION MANUAL

## Thermo-Hygro Anemometer

### 98610/98620/98621



## FEATURES

- Contacted temperature measurement.
- Relative humidity/Wet Bulb/Dew Point (98620/98621)
- Heat Index/WBGT(98621 only)
- Data hold/Maximum/Average functions.
- Auto power off function(15 minutes).
- Quick response and high accuracy
- Low battery indication

## MATERIAL SUPPLIED

- Meter
- Battery(CR2032 battery included)
- Operation manual
- Box

# LCD DISPLAY



## KEY FUNCTION

**POWER:** Max/Min/Average(5s'10s'13s')

**HOLD:** Data hold mode/wind speed unit/Temp. unit

**MODE:** WNCL/Temp.(98610)/RH/DP/WB(98620/98621)  
HI/WBGT(98621 only)

## OPERATION

### (1) Power On/Off

With meter off, short press **POWER** to turn on the meter.

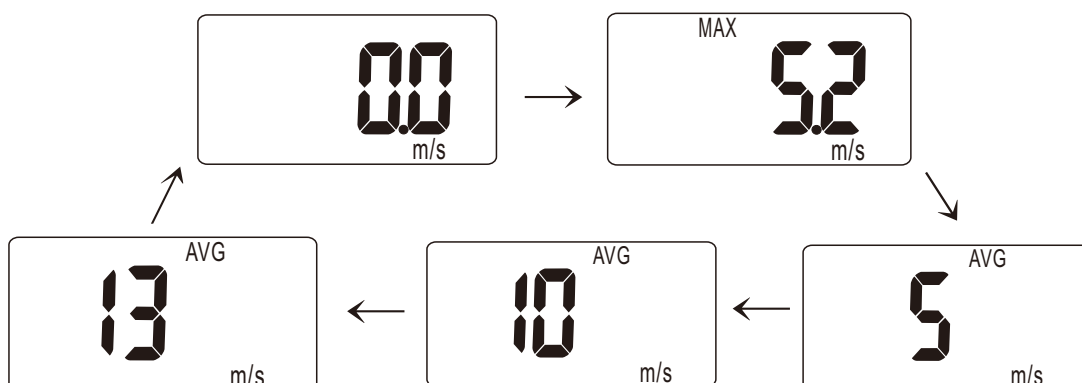
To turn the meter off, long press **POWER** to turn off.

The meter will also turn off automatically after 15 minutes if no action is taken.

### (2) Maximum and Minimum mode

With meter on, press **POWER** button "MAX" icon will appear on the display with temp. reading. Press **POWER** again LCD appear "AVG" icon and each press goes from 5sec, 10sec to 13sec average. The meter will circularly appear MAX, 5sec AVG, 10sec AVG, 13sec AVG reading on the display.

Note: 5sec, 10sec, 13sec icon only appear for a sec then start measure.



### ( 3)Data Hold

Press **HOLD** button to freeze the displayed reading. The 'HOLD' icon and the held reading will appear on the display. Press the **HOLD** button again, the meter will return to the normal measurement.



### ( 4)Auto Power OFF

The meter will shut off automatically after approximately 15 minutes, if no action is taken.

To disable auto power off, when meter off press **HOLD+POWER** button, "n" icon will appear on the LCD. The meter will return to normal measurement



### ( 5)Change wind speed unit

When meter is under air flow measurement, long press **HOLD** button to change unit from m/s→KMH→M/H→FPM→BFT→KNT and back to m/s.

### ( 6)Select Temp. mode

Short press **MODE** button to circularly appear m/s→WNCL→Temp.→Humidity→Heat Index→Dew Point→Wet Bulb→WBGT and back to m/s.

### ( 7)Change Temp. unit

Under WNCL,Temp.,HI,DP,WB and WBGT mode, short press **HOLD** button to change Temp. unit from °C/°F.

## TROUBLE SHOOTING

Er1:Disconnection of sensor/Low battery to connect sensor.

Er2:Out of range

# SPECIFICATION

Spec./Model no.	98610	98620	98621
Temp. range	-15.0~50.0°C(5~122°F)		
Resolution	0.1°C		
Accuracy	±1°C		
Air Velocity range	0.4~25m/s,80~4920ftm		
Accuracy	±3%of FS		
Wind Unit	m/s,ftm,kmh,mph,knot,BFT		
RH% range	N/A	5.0~95.0%	
Resolution	N/A	0.1%	
Accuracy	N/A	±3%RH(at25°C 10~90%),others 5%	
Dew point/Web bulb/ Windchill	N/A	YES	
Heat index/WBGT	N/A		YES
HOLD	YES		
MAX/MIN/AVG	YES		
Recall/Reset	YES		
Power	CR2032 x1 pc		
LCD display	28 x 14mm		
Operating Temp.&RH	0~50°C(32~122°F),<80%RH		
Meter size	152 x 40 x 18mm		

## BATTERY REPLACEMENT

Use a coin to remove the battery compartment cover on the rear of the meter. Replace the CR-2032 lithium battery; install the new battery face up (+) in the battery compartment.

**Disposal:** Follow the valid legal stipulations in respect of the disposal of the device at the end of its life cycle.