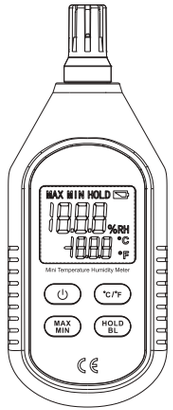
MINI TEMPERATURE & HUMIDITY METER

- **Temperature measurement range:-10~60°C/14~140°F**
- **Humidity measurement range :0~100% RH**
- **Light weight**
- **MAX/MIN modes,**
- **Low battery indication**
- **Auto power off**



OPERATOR'S MANUAL
ORDER CODE: OXD-312-5666K
CZ HU PL SK TH **cromwell.co.uk**

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SAFETY INFORMATION

1. Please check the Meter before using and beware of any damage or abnormal phenomenon.
   If you find the case is damaged or the LCD shows nothing, or you consider that the meter could not work properly anymore, please stop using it.
2. Observe the operating instructions while measuring.
3. Do not open the Meter at will or change internal wiring to avoid damages to the meter.
4. When the LCD displays "🔋" replace the batteries. Remove the batteries if the Meter is not used for a long time.
5. Do not store or use the meter in high temperature, high humidity, flammable, combustible, or strong electromagnetic environment.
6. Please use soft cloth and neutral detergent to clean the case.

GENERAL INFORMATION

- LCD: 4 digit LCD display
- Overload indication: When humidity is greater than 99.99%RH , "100.0%RH" will be displayed. When the temperature is greater than 60°C or lower than -20°C, "OL" will be displayed.
- Low battery indication: Prompt "🔋" Batteries should be replaced.
- Sampling rate: 1/s
- Sensor type: High-accuracy digital temperature and humidity module.
- Power requirement: 1.5V batteries (AAA) x3
- Product size: 155 x 50 x 28mm
- Weight: 102g

ENVIRONMENT SPECIFICATION

- Altitude height: 2000m
- Safety: EN61326-1
- Pollution level: 2
- Working temperature and humidity: 0°C -40°C (not greater than 90%RH)
- Storage temperature and humidity: -20°C~60°C (not greater than 75%RH)

ELECTRICAL SPECIFICATIONS

- Accuracy: humidity: ±5%RH (normal temperature condition) temperature: ±1.0°C(normal temperature condition)
- Environment temperature: 23°C ±3°C
- Environment humidity: ,⩽90%RH

GENERAL MAINTENANCE

Warning: To avoid affecting device accuracy or damage to the Meter, do not open the Meter

- Maintenance and service of the meter should be accomplished by professional personnel or designated maintenance department.
- Clean the case with a dry cloth periodically, but detergent with abrasive or solvent composition shall not be used.

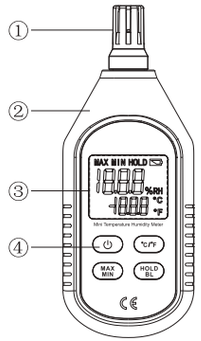
TECHNICAL SPECIFICATION

Temperature and Humidity

Function	Range	Resolution	Accuracy	Description
Humidity	0~100.0%RH	0.1%RH	±5%RH	Under normal temperature condition (23℃ ±5℃)
Temperature	-10~60℃	0.1℃	±1.0℃	Under normal humidity condition (40%RH~75%RH)
	14~140℉	0.2℉	±2.0℉	
Sampling Rate			1/s	Sampling rate is once per second.
Overload Indication			100%RH/OL	Maximum displayed humidity is 100%RH; if the temperature is lower than 20℃ or higher than 60℃, "OL" will be displayed
MAX/MIN Measurement			MAX/MIN	Shows "MAX/MIN"
Data Hold			HOLD	Shows "HOLD"
Unit			℃/℉	Shows "℃/℉"
Backlight			BL	Manually turn on or off backlight
Auto Power Off			5mins	Automatically power off after 5mins without operating; function can be turned off
Low Battery			3.0~3.5V	Shows low battery prompt when power is 3.0~3.5V

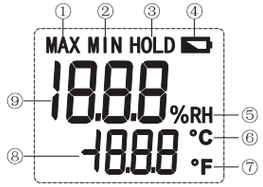
Product Features

1. Temperature and humidity sensing module
2. Meter case
3. LCD display
4. Function keys
5. Display Interface



Display Interface

1. Maximum measurement
2. Minimum measurement
3. Data hold
4. Low battery
5. Relative humidity
6. Celsius
7. Fahrenheit
8. Temperature value
9. Humidity value



KEY FUNCTIONS AND SETUP

⏻ ON/OFF:

Press once to start up and press again to power off.

Note: Product's auto power off feature can be disabled: Press and hold "HOLD" and then press "ON/OFF" key to enable/disable auto power off, LCD will display "APO OFF" to indicate status.

°C/°F:

Unit conversion key: Short press this key to select Celsius or Fahrenheit at the time of measuring.

MAX/MIN:

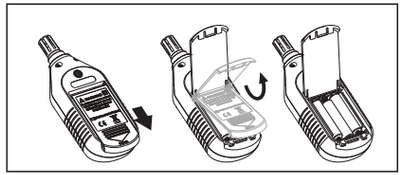
Pressing this key can select maximum, minimum or normal value measurement. Select maximum and the Meter will always show the maximum reading. Select minimum and the meter will show minimum reading.

HOLD/BL:

HOLD: Press this key once to hold the measurement; press this key again to exit data hold and continue normal measurement.
BL: Keep pressing this key to turn on the backlight. Press this key again to turn off backlight.

BATTERY INSTALLATION AND REPLACEMENT

- The Meter uses 3 x AAA 1.5V batteries. Please see **figure 1** for steps of battery installation and replacement.
- Slide the panel down, open the battery cover in the direction of the arrow, and remove the batteries. Install new batteries in accordance of polarity indications.
- Please use batteries of same type.
- Close the cover tightly after installing new batteries.



THE ENVIRONMENT

Always dispose of unwanted tools, accessories and packaging materials in an environmentally friendly manner.
In observance of European Directive on Waste Electrical and Electronic Equipment (WEEE) and its implementation in accordance with national law, electrical goods that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.
Do not dispose of electrical goods with domestic waste materials as inappropriate disposal may cause potential hazards to the environment and human health.
For further information, please contact your local authority or the retailer from whom you purchased the product.

QUALITY GUARANTEE & WARRANTY

OXFORD PRECISION products carry a one year manufacturer's warranty.
OXFORD PRECISION products are designed & manufactured to the highest standards & specifications.
Assuring the quality and performance required by all sectors of industry.
OXFORD PRECISION products are fully guaranteed against faulty materials & workmanship.
Should they be found to be defective, they will either be repaired or replaced free of charge (fair wear and tear and/or misuse excepted).
Please retain supplier invoice as proof of purchase.

DECLARATION OF CONFORMITY

We hereby certify that the OXFORD MINI TEMPERATURE & HUMIDITY METER (ORDER CODE: OXD-312-5666K) Complies with all the relevant provisions of the EMC Electromagnetic Compatibility Directive 2014/30/EU
Standards Applied: EN61326-1:2013, EN61326-2-2:2013
RoHS2 Restriction of Hazardous Substances Directive 2011/65/EU

Signed:
Date: September 2019

Name: Toni Johnson
Position: Compliance Director.

CE

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