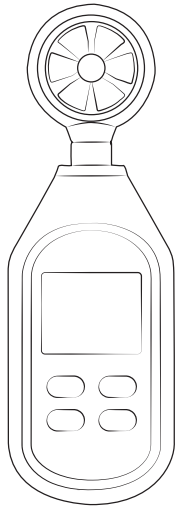
MINI ANEMOMETER

- Dual display of wind speed and temperature
- 7 units selectable: m/s, km/h, ft/min, knots, mph, °C, °F
- 12 level beaufort scale indicator
- Wind chill indicator
- Special fan structure design, can detect startup wind speed as lower as 0.1m/s
- Max /Avg modes, auto power off, user-friendly interface



OPERATOR'S MANUAL
ORDER CODE: OXD-312-5643D
CZ HU PL SK TH **cromwell.co.uk**

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SAFETY INFORMATION

1. Please check the Anemometer 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 Anemometer could not work properly anymore, please stop using it.
2. Observe the operating instructions while measuring.
3. Do not open the Anemometer at will or change internal wiring.
4. When the LCD displays "🔋", replace the batteries. Remove the battery if the Anemometer is not used for a long time.
5. Do not store or use the Anemometer in high temperature, high humidity, flammable, combustible, or strong electromagnetic environment.
6. Please use soft cloth and neutral detergent to clean the case. Do not use solvent.

GENERAL INFORMATION

- LCD display: 4-bit LCD display. The displayed maximum is 9999.
- Overload indication: When the wind speed is over 45m/s or the temperature is lower than -10°C or higher than 50°C, "OL" will be displayed.
- Low battery display: 🔋 Batteries should be replaced.
- Sampling rate: 2/s
- Sensor type: Magnetic induction type wind speed sensor and NTC negative temperature coefficient sensor.
- When the temperature is lower than 0°C and the wind speed is over 5m/s, the meter shows "WINDCHILL".
- Power requirement: 1.5V batteries (AAA) x3
- Product size: 160 x 50 x 28mm
- Weight: 118g

ENVIRONMENT SPECIFICATION

- Altitude height: 2000m
- Pollution level: 2
- Working temperature and humidity: 0°C -40°C (not greater than 80% RH) 40°C -50°C (not greater than 45% RH)
- Storage temperature and humidity: -20°C ~60°C (not greater than 75% RH)

ELECTRICAL SPECIFICATIONS

- Accuracy: Wind speed: ±5% rdg + 0.5 Temperature: ±2°C
- Environment temperature: 23°C ±5°C
- Environment humidity: ⩽80% RH

GENERAL MAINTENANCE

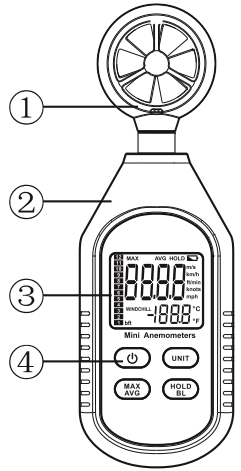
Warning: To avoid affecting device accuracy or damage to the Anemometer do not open the Anemometer.

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

TECHNICAL SPECIFICATION

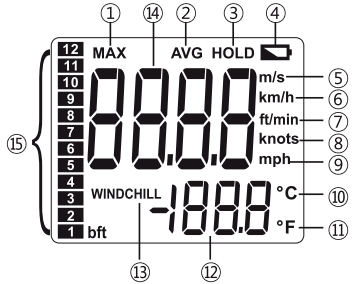
Function	Range	Resolution	Accuracy	Description
Wind Speed	0-30m/s (as standard)	0.1m/s	±(5%rdg+0.5)	
	1.4~108 Km/h (refer only)		±(5%rdg+15dgts)	
	0.7~58 Knots (refer only)		±(5%rdg+10dgts)	
	0.8~67 mph (refer only)		±(5%rdg+10dgts)	
	78~5905 ft/min (refer only)		±(5%rdg+180dgts)	
Temperature	-10~50°C	0.1°C	±2°C	
	14~122°C	0.2°F	±4°F	
Beaufort Wind Scale	0~12	1	±1	Only for reference
Sampling Rate			0.5s	Sampling rate is twice per second.
Overload Indication			OL	Shows "OL"
MAX/AVG			MAX/AVG	Shows "MAX/AVG"
Data Hold			HOLD	Shows "HOLD"
BackLight			BL	Manually turn on or off
Auto Power off			5mins	Automatically power off after 5mins without operating
Low Battery			3.0~3.5V	Shows low battery prompt when power is 3.0~3.5V
Wind Chill Notification		WIND CHILL		Wind speed with 5m/s and Temperature under 0°C will be display "WIND CHILL"

PRODUCT FEATURES



1	Vane	2	Meter
3	LCD display	4	Function keys

DISPLAY INTERFACE



1	Maximum measurement	2	Average value
3	Data hold	4	Low battery
5	m/s	6	km/h
7	ft/min	8	Knots
9	Mph	10	Celsius
11	Fahrenheit	12	Temperature value
13	Wind chill notification	14	Wind speed value
15	Beaufort scale		

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.

UNIT: Unit conversion key:

Press this key and the wind speed value cycles m/s, km/h, ft/min, knots, and mph. Keep pressing the key and the temperature unit changes between ˚C and ˚F.

MAX/AVG:

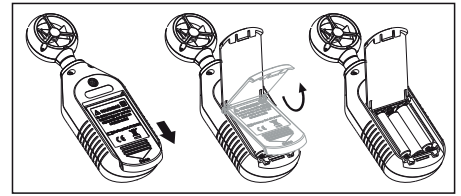
Pressing this key can select maximum, average and normal value measurement; select maximum and the Anemometer will always show the maximum reading; select average and the Anemometer will always show the average reading.

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 again to turn off backlight.

BATTERY INSTALLATION AND REPLACEMENT

- The meter uses 3 x AAA 1.5V batteries. Please see figure below for steps of battery installation and replacement.
- Slide the panel down, open the battery cover open 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 ANEMOMETER (ORDER CODE: OXD-312-5643D) 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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