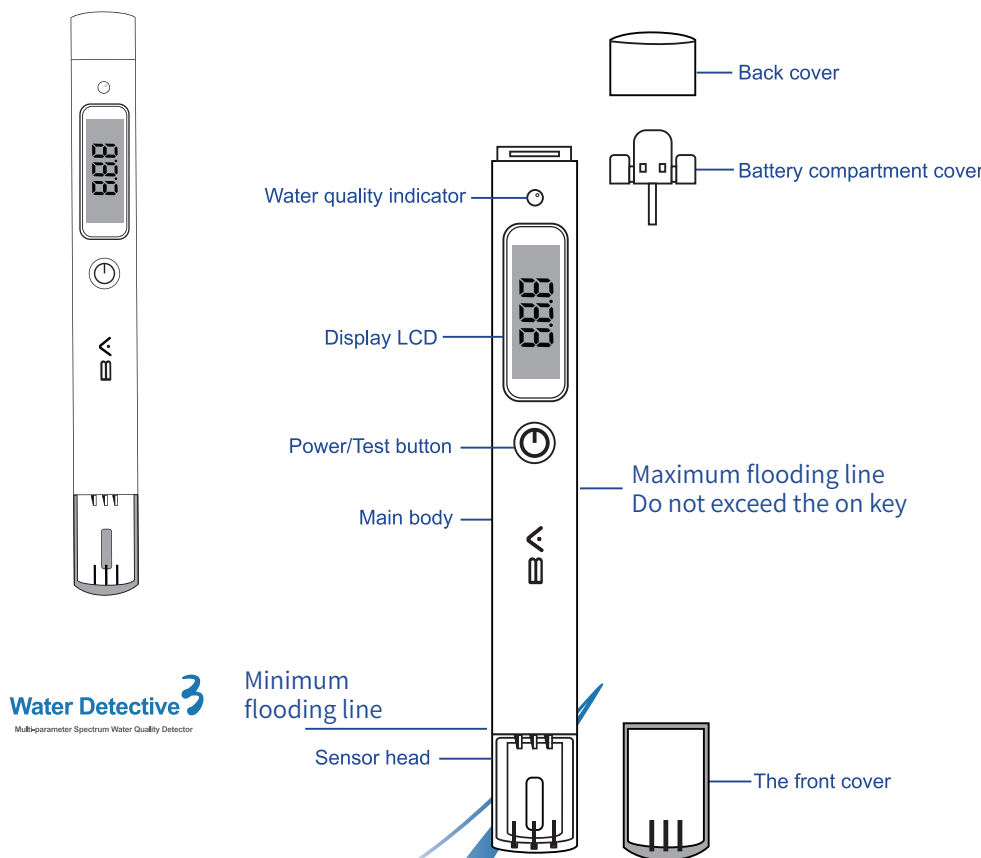


450MM

150MM



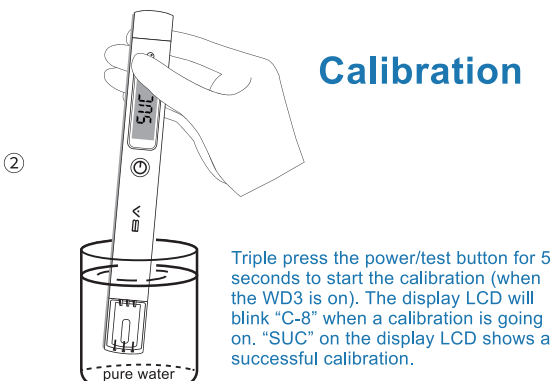
Parts and Features



Operation

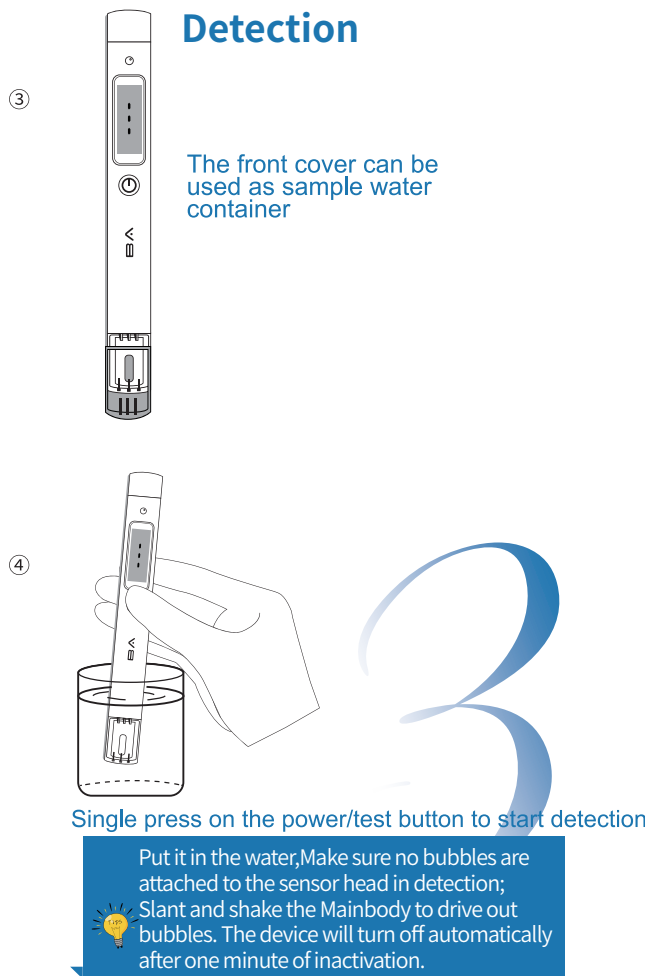


Calibration

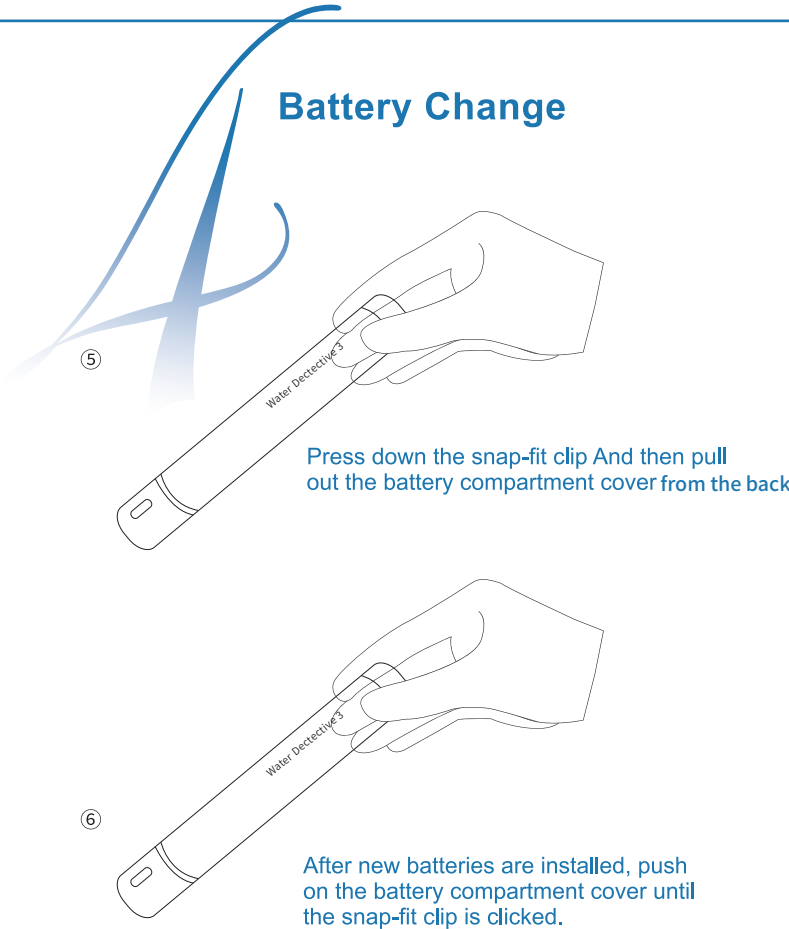


Make sure that you use distilled water for calibration. Make sure no bubbles are attached to the sensor head.

Detection

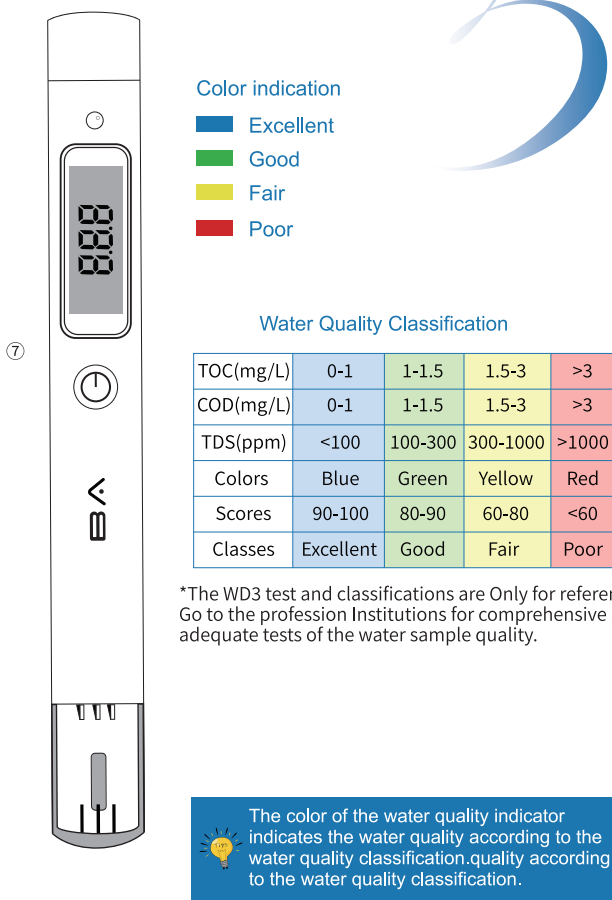


Battery Change



Blink of the display LED in red is the indication of low battery. Use 2 AAA (#7) batteries with positive electrode facing outside.

Water quality indicator



*The WD3 test and classifications are Only for reference. Go to the profession Institutions for comprehensive and adequate tests of the water sample quality.

The color of the water quality indicator indicates the water quality according to the water quality classification.

Specifications

Name of Product	Water detective 3- multi-parameter spectrum water quality detector
Product Model	WQM01H-3
Dimensions	165mm X 19mm X 21mm ; Weights 35g (without battery)
Detection Samples	Tap water/ Bottle water/Filtered water/Under ground water/Surface water (no polluted)
Detection parameters	
TOC/COD	Range 0-10mg/L, Resolution 0.1mg/L, Repeatability $\leq \pm 0.2\text{mg/L}$, Accuracy 10%F.S.
TDS	Range 0-1000ppm, Resolution 1ppm, Repeatability $\leq \pm 10\text{ppm}$, Accuracy 10%F.S.
Temperature	Range 0-80°C, Resolution 0.1°C, Repeatability $\leq \pm 0.2^\circ\text{C}$, Accuracy $\pm 0.5^\circ\text{C}$
Zero drift	TOC/COD $< 0.5\text{mg/L/day}$
Power supply	2 AAA (#7); DC 3V
Power consumption	$< 10\mu\text{A}$ (Standby)
Operation Temperature	10-40 °C
Storage Temperature	-10-70 °C

Cautions

- Slant and shake the Mainbody to drive out bubbles.
- Calibrating is necessary for the first time use.
- In case of multiple detection ,the time interval should be greater than 10s to avoid a slight drift.
- Keep the device immersing in water for more than 10s to get a more precision temperature detection.
- Calibrate after vibration, collision and falling.
- If the probe head is not clean, please clean it with purified water and calibrate it before use.
- If it is not used for a long time, take out the battery and store it in a cool and dry place. Do not expose to sunlight.
- For detection, immerse the probe head completely and only.
- The operation temperature is 10-40 °C. If it is slightly outside of the range, please calibrate it before use. Extreme temperature may cause permanent damage.
- Do not use alcohol or other organic solution to clean the sensor probe, which will cause permanent damage.
- Do not use it on corrosive liquids such as beverages, tea, sewage, etc.
- Please contact your authorized reseller for warranty registration and service.

Declaration

Information in this document is provided solely to enable system and software implementers to use AtomBit products. There are no express or implied copyright licenses granted hereunder to design or fabricate any spectral sensor based on the information in this document. AtomBit reserves the right to make changes without further notice to any products herein. AtomBit makes no warranty, representation, or guarantee regarding the suitability of its products for any particular purpose, nor does AtomBit assume any liability arising out of the application or use of any product or circuit, and specifically disclaims any and all liability, including without limitation consequential or incidental damages. "Typical" parameters that may be provided in AtomBit data sheets and/or specifications can and do vary in different applications, and actual performance may vary over time. All operating parameters, including "typicals," must be validated for each customer application by customer's technical experts. AtomBit does not convey any license under its patent rights nor the rights of others. AtomBit sells products pursuant to standard terms and conditions of sale, which can be found at the following address: www.atombit.cn. AtomBit, the AtomBit logo are trademarks of AtomBit Technology, Inc. All other product or service names are the property of their respective owners. All rights reserved.

Shenzhen Atombit Technology Co.,LTD

www.atombit.cn
E-mail: contact@atombit.cn

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different

from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.