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## 1. Product Overview

- Precise and easy operation, Comfortable holding, all functions operated in one hand.
- Large LCD with backlight, Multi-line display for easy reading, Auto-Power Off saves battery after 5 mins non-use
- 1\*1.5V AAA long battery life, User replaceable battery and high-impedance plane electrode.
- Floats on water, IP67 rated
- Field throw measurement( Auto Lock Function)
- Use tri-electrode method measuring: faster and accurate, matching up to DPD results.
- 2 points calibrate



Floats on water  
IP67 rated



Large LCD with  
backlight  
Multi-line display  
for easy reading

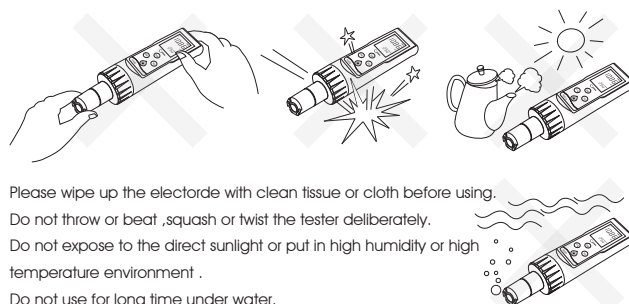


Field throw  
measurement  
( Auto Lock Function)



1\*1.5V AAA  
long battery life

## 2. Precautions



Please wipe up the electrode with clean tissue or cloth before using.

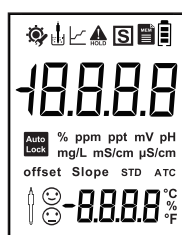
Do not throw or beat ,squash or twist the tester deliberately.

Do not expose to the direct sunlight or put in high humidity or high temperature environment .

Do not use for long time under water.

## 3. CONFIGURATION and LCD INTRODUCTION

- Set up
- Data stabilized
- Calibration Mode
- Low battery indicator
- Measurement mode
- Auto Lock function
- Auto Lock after data stabilized
- In calibration
- Sensor slope is between 50%-200%
- Sensor slope is between 33.3%-50% or 200%-300%



## 4. Key panel

### Key instruction

**Short press:** Short press means release the key once after pressing.  
(If there is no mark out below, default it as Short press)

**Long press:** Long press means press the key for 3 seconds and then release it

**Hold:** Hold means not release the key and accelerate after a certain time. Not release the key until the value is set as needed.

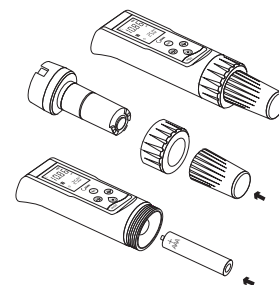
	Long press to Power ON/OFF Short press to ON/OFF backlight Escape key when in calibration mode and setting up
	Calibration key when in measurement mode Long press to enter into parameter browsing Increment values or scroll through the next options available
	Data setting Decrement values or scroll through the next options available
	Confirm key Press to unlock in Auto lock mode

## 5. Battery and Electrode installation

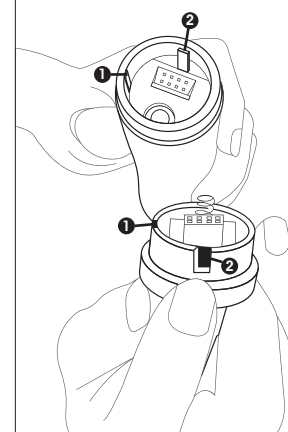
Unscrew the screw cap by following the arrow direction, slightly unplug the electrode, install the battery(pay attention to the anode and cathode of the electrode).

Then install back the electrode and the screw cap.

Low battery prompt is at the top of the screen when battery power is low.( You can refer to the LCD INTRODUCTION). Please change the same model battery.



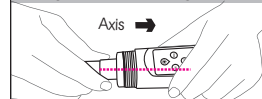
Pay attention to the corresponding bayonet position



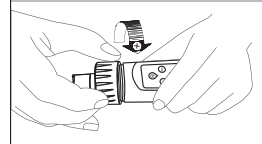
1.Align the bayonet according to the corresponding position




2.After aligning the bayonet, gently push it along the axis




3. Screw the fixing cap tightly




## 6. Measurement Mode






Press "  " to power up. The tester will then enter into measurement mode. The measurement icon will twinkle if the data is unstabilized. Once stabilized, the top stabilized icon will be displayed then.




## 7. Calibration Mode

In measurement mode, press "  " to enter calibration mode. Prompting icons will be displayed on the screen. The PCE-CHT 10 adopts DPD comparative way to calibrate, which also requires constant flow rate.



Dip the electrode into the test solution, the stabilized icon will be displayed at the top of the screen once the data stabilized. Press "  " to confirm.









In Pic2, the screen will show STD. The standard value for calibration is at the below. Press "  " and "  " to adjust the value as the standard and press "  " to confirm. The offset value will be shown after calibration (in Pic3). If wrong, the "ERR" will be displayed. In Pic4, zero point calibration. Press "  " to confirm and view the offset value. In Pic5, you can also directly press "  " to skip calibration and go back to measurement mode..

Long press "  " to browse the calibrated parameters in measurement mode. Press "  " and "  " to check the zero offset and the actual measurement value.

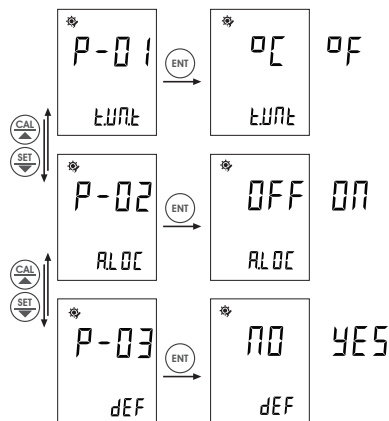


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## 8. Set up

In measurement mode, press "  " to enter SET UP. Corresponding icons will be displayed. You can press "  " and "  " to select the menu and then press "  " to confirm. Press "  " or "  " to set up and confirm by press "  ". You can also press "  " to back to measurement mode.

The Set up menu as follow:



P01: Unit of the temperature. You can select between °C and °F.

P02: Auto Lock. You can select "ON" or "OFF" to auto lock the data once stabilized.

P03: Factory defaults. You can select to revert to factory defaults.

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## 9. Specification

Range	0 -10.00 mg/L
Resolution	0.01 mg/L
Accuracy	±2% F.S.
Temp. Range	0 - 100.0 °C / 32 - 212 °F
Working Temperature	0 - 60.0 °C / 32 - 140 °F
Calibration Point	2 points
LCD	20* 30 mm multi-line crystal display
Lock	Auto / Manual
Electrode	CS5930
Auto backlight off	1 minutes
Auto power off	20 minutes without key be pressed
Power	1x1.5V AAA battery
Dimensions	(H×W×D) 185×40×48 mm
Weight	95g
Protection	IP67

## 10. Package

1 x PCE-CHT 10 chlorine Tester  
1 x 1.5V AAA battery  
1 x instruction manual

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## 11. GENERAL INFORMATION

### Contact

If you have any questions, suggestions or technical problems, please do not hesitate to contact us. You will find the relevant contact information at the end of this user manual.

### Disposal

For the disposal of batteries in the EU, the 2006/66/EC directive of the European Parliament applies. Due to the contained pollutants, batteries must not be disposed of as household waste. They must be given to collection points designed for that purpose.

In order to comply with the EU directive 2012/19/EU we take our devices back. We either re-use them or give them to a recycling company which disposes of the devices in line with law.

For countries outside the EU, batteries and devices should be disposed of in accordance with your local waste regulations.

If you have any questions, please contact PCE Instruments.



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