



# Digital Inline TDS

## Manual



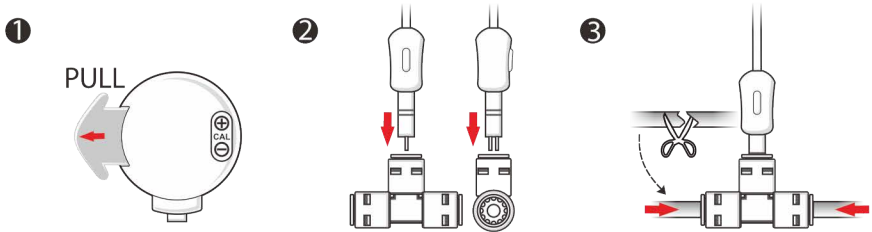
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### Model

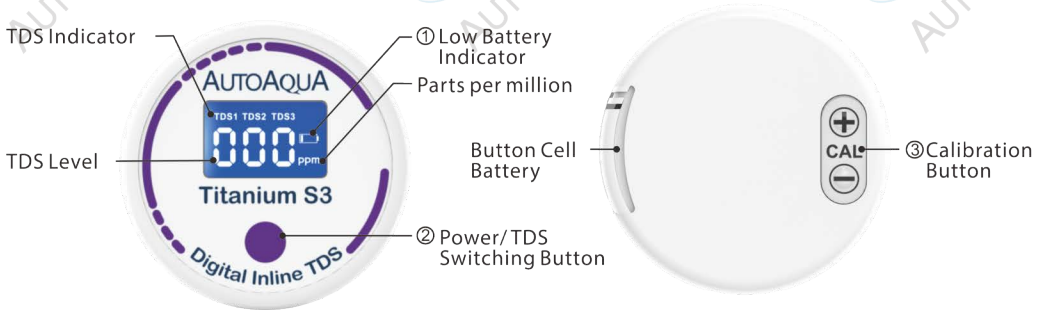
TDS-100  
TDS-100S  
TDS-200S  
TDS-300S

## Installation

1. Remove the battery insulation tab.
2. Insert the sensor fully into the union tee and make sure the sensor pins are perpendicular to the direction of the union tee as shown in the diagram. Both pins should be seen when looking through the union tee so the water will flow over both pins equally.
3. Turn off the RO/DI systems. Cut the tube at the desired monitoring point and connect the cut tubes to the union tee.



## Digital Inline TDS Description



- ① Low Battery Indicator : We recommend to change the battery when this icon shows. Battery Model : CR2032
- ② Power/ TDS Switching Button :
  - i. Press to turn on TDS monitor. Press for 3 seconds to turn off (monitor will automatically shut off after 3 minutes).
  - ii. Press to switch between different TDS sensors when TDS monitor is on (S2 and S3 only).
- ③ Calibration Button : Please refer to "Calibration" below.

## Calibration

1. Purchase a certified calibration solution that meets your requirements.
2. Disconnect the sensor from the union tee and dry.
3. Place the sensor in the calibration solution and keep the sensor pins submerged.
4. Press the power button to turn on the TDS monitor. Check if each sensor reading is correct by pressing the power button again to switch between TDS sensors (S2 and S3 only). If the reading is not correct, follow the steps below to perform the calibration.
5. Press the power button to select the TDS sensor required to be calibrated (S2 and S3 only).
6. Press the power button twice quickly to enter calibration mode.\*
7. Press the ⊕ or ⊖ button to adjust the reading to the level of the solution.
8. Press the power button to complete calibration\*\*. The Digital Inline TDS will automatically return to TDS measurement mode after 15 seconds.

\* The Digital Inline TDS can be reset to factory settings by pressing the ⊕ and ⊖ button at the same time after step 6. All sensors will be reset at the same time.

\*\* Each sensor has to be calibrated separately.

## Notice

1. Avoid touching the sensor pins, as oils from skin may affect the TDS measurement.
2. Clean sensor pins with rubbing alcohol and let air dry.

## Specification

- Range : 0-999 ppm
- Resolution : 1 ppm
- Accuracy : +/- 2 %
- Power Source : CR2032 Lithium Battery x1
- Battery Life : 1 year
- Size : 2 x 0.6 inch / 51 x 14.5 mm (Diameter x Thickness)

## WARNING - KEEP BATTERIES OUT OF REACH OF CHILDREN



- Swallowing may lead to serious injury in as little as 2 hours or death, due to chemical burns and potential perforation of the oesophagus.
- If you suspect your child has swallowed or inserted a button battery immediately call the 24-hour Poisons Information Centre on 13 11 26 for fast, expert advice.
- Examine devices and make sure the battery compartment is correctly secured. Do not use if compartment is not secure.
- Dispose of used button batteries immediately and safely. Flat batteries can still be dangerous.
- Tell others about the risk associated with button batteries and how to keep their children safe.

### Limited Warranty

1. Limited warranty is provided by AUTOAQUA only if your AUTOAQUA Product ("Product") was purchased from an authorized distributor or an authorized reseller.
2. All warranty repairs or replacement are performed by the authorized distributor or authorized reseller in the region where the Product was first shipped by AUTOAQUA.
3. The limited warranty is valid for a period of 1 year under proper installation and normal use from the date of the original purchase listed on the proof of purchase or sales receipt.
4. In the event of a limited warranty claim, proof of purchase or sales receipt (issued to the original purchaser) is required.

Purchase Date

(Y/M/D)

Warranty Period

One year from the purchase date

Place of Purchase

(Store name, phone, email, address)

Service

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\* Please go to [AUTOAQUA](http://AUTOAQUA) website to get the distributor information.

