


Expert electronic TDS meter for measuring Total Dissolved Solids in heating system water



- Rapidly demonstrates the cleanliness of heating system water after a power flush.
- Simultaneous display of TDS and temperature.
- Large 4 digit display.
- Waterproof, dustproof, and rugged for use in damp conditions.
- Battery life, ready and calibration indicators.
- Auto 'power off' prolongs battery life.
- Stainless steel electrodes for resistance and durability.
- Push button calibration.


Taking a reading with the Expert TDS meter

1. Remove the protective cap from the TDS meter and press the ON/OFF button  located on the front of the meter.


The tester will begin in the measurement mode that was in use when it was powered off.

2. Take a sample of the water to be tested in a suitable clean container, to a depth of at least 30mm (or up to the MAX fill line of the cap).

3. Immerse the TDS meter into the sample of water, without touching the bottom of the container.

4. Stir gently while the reading stabilizes and wait for the  icon to stop blinking.

The TDS meter automatically compensates for temperature variations, and variations on the meter display can be due to the temperature sensor adjusting to the sample temperature.

5. The tick icon  will appear on the display indicating that the reading is stable and measurement is complete.

6. Read the figure from the display, which is in parts per million of total dissolved solids (= mg/ litre).

7. After taking the reading, remove the meter from the sample, and flush with clean water before storing.

Expert TDS meter technical specification	
TDS range 1	0 to 1999 ppm
TDS range 2	0 to 20.00 ppt (parts per 1000)
Resolution	10 ppm / 0.10 ppt
Accuracy	+/- 2% full scale
LCD display	4 digit double line
No. of calibration points	3
Calibration method	Digital push button
Operating temperature	5 to 45°C
Special functions	Auto power off 8.5 minutes after last key press
Power requirements	4 x 1.5V button cell batteries; A76 or LR44
Dimensions (cm)	17 x 4.5 x 3
Weight (gm)	95