

TDS Stick

(electrical conductivity)



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Why should I measure TDS?

For controlling a R.O. unit you can easily measure the electrical conductivity or the concentration of **Total Dissolved Solids** = TDS. If you have this value of the feed water and the pure water you can calculate the general rejection. If the rejection is high (more the 95%) the pure water has a good water quality, if not you must check the pre filter and/or the membrane.



Handling

For a measurement you take the TDS stick from its bag. After removing the protective cap you can dip the stick directly into the water. Press on "on/off" and the measured value in ppm appears. If you can not dip the stick at the same time into the water and read it off, it is possible to press during immersing the "hold" key. The measured value is frozen and can be read off also outside of water.

Technical Data of the AquaCare TDS Stick

Indicating range	0 – 9,990 ppm corresponds 0 – 12,890 $\mu\text{S}/\text{cm}$
Resolution	1 ppm (0-999 ppm) 10 ppm (1,000-9,990 ppm)
Accuracy	5%
Functions	automatic range measurement of TDS freezing function of value
System	two-electrode system
Material of electrode	stainless steel
Accessories (in series)	bag with clip table for calculation TDS to electrical conductivity at 25°C
Voltage supply (part of delivery)	2 pieces batteries size 357A (diameter 11.5 mm; height 5 mm)
Dimensions L × W × H in mm	160 × 35 × 40
Weight (with bar) in g	73

For high precision measurement please ask for our WTW measuring systems