WATER QUALITY TESTER (CONDUCTIVITY, TDS)

99603

TDS pen

99602

COND pen







Typical conductivity of waters:

Ultra pure water 5.5 · 10-6 S/m

(0.055 uS/cm)

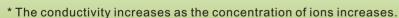
Drinking water 0.005 - 0.05 S/m

(<1055 uS/cm)

Sea water 5 S/m (56 mS/cm)

Distill water 0.5uS/cm

Tap water 550~800 uS/cm Salt water 100 ms/cm



* TDS or Total Dissolved Solids is a measure of the total ions in solution. EC is actually a measure of the ionic activity of a solution in term of its capacity to transmit current.

Water hazard level:

TDS(ppm or mg/L) < 500 none , $1000\sim2000$ ppm (Moderate) , > 2000pp, (Severe)

FEATURES:

- Pen size fast response, reliable and accurate measurement: Conductivity, TDS
- Electrode replacement is available, easy to calibrate by end user
- Conductivity meter models: 0~19990uS (99602), 0~1999uS (99622)
- TDS (Total Dissolved Solid) meter models: 0~19990ppm (mg/L)(98603),0~1999ppm (mg/L)(98632)
- Supplied calibration solution and soaking water, convenient for end users (Cond.TDS)
- Large LCD display 21x18mm ,impact resistant ABS case IP57 rated
- Dimension: 170x33.5mm, weight: 85g (with battery)
- Manual calibration via screw trim pot
- Powered by CR2032 batteries, battery low indication when power is weak
- Auto power off function for saving battery life

Supplied with:

- Conductivity: Meter x1, Batteries x2, manual x1, box x1, Conductivity solution x1, soaking solution x1, screw driver x1
- TDS: Meter x1, Batteries x 2, manual x1, box x1, soaking solution x1, screw driverx1

Application:

 Agriculture. Anti-freeze recycling. Aquarium. Boiler. Chemical industrial. Cooling tower. Drinking water. Fish farming. Food industry. Garden husbandry. Hydroponic. Laboratory usage. Plating industry. Swimming pool & SPA. Water treatment.

REFERENCE:

 $1ppm \, TDS = 2uS/cm = 1 \, mg/L \qquad ; \qquad 1mS/cm = 1000 \, uS/cm = 0.1 \, S/m$

	99603 / 99632	99602 / 99622
Туре	TDS	Conductivity
TDS range	0-19990 ppm / 0-1999ppm(99632)	N/A
TDS accuracy	<u>+</u> 1% FS	N/A
Cond range	N/A	0~19990 μS/cm ,0~1999 μS/cm
Cond acuuracy	N/A	<u>+</u> 1% FS
Resolution	10 ppm / 1ppm(99632)	10 uS/cm , 1uS/cm(99622)
Power	3V X 2 Lithium battery CR2032	
ATC	YES	N/A
Dimension	Meter: 170x33.5mm	

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