

TESTER CST



Instrument for the measurement of Conductivity, Dissolved Solids and Temperature

DESCRIPTION:

Portable digital instrument for the measurement of certain basic parameters of water potability.

- **Electric conductivity** in μS
- **Total Dissolved Solids (STD)** in mg/l
- **Temperature** in $^{\circ}\text{C}$ or $^{\circ}\text{F}$.

The fixed residue expressed as the quantity of dissolved solids is an indicator for both water potability and industrial and agricultural use. Water with high concentrations of dissolved solids (over 1000 mg/l) can have bad organoleptic characteristics.

INSTRUCTIONS FOR USE:

Calibrate the probe using the special solution provided and after a few seconds dip it into water to be tested.

TECHNICAL FEATURES:

- Tight low range Tester **EC / TDS / $^{\circ}\text{C}$**
- Display at 2 levels
- Automatic calibration in 2 points
- Precision $1 \mu\text{S} / \text{cm} / 1 \text{ppm}$
- Scale: $3999 \mu\text{S}/\text{cm} / 2000 \text{ppm}$ $0,0$ to $60,0 \text{ }^{\circ}\text{C} / 32,0$ to $140,0 \text{ }^{\circ}\text{F}$
- Combined replaceable electrode Mi59P
- Dimensions $200 \times 38 \text{ mm}$
- Weight 100 g
- Auto-off after 8 minutes of inactivity.

WATER CLASSIFICATION:

Minimally mineralized	up to 50 mg/l
Oligomineral or slightly mineralized	up to 500 mg/l
Rich in salts	over 1500 mg/l

Values are parameterized by Legislative Decree 31/2001 (max value 1550 mg/l).

Water with higher concentrations should be avoided also for agricultural use or for drinking trough for animals.

Last update: 20.04.2023

