

Product Name :
PH/Conductivity/TDS/Salt/Temp Waterproof Tester**Product Code :**
ELAB-ELC0007**Description :**

PH/Conductivity/TDS/Salt/Temp Waterproof Tester

Technical Specification :

pH/Conductivity/TDS/Salt/Temp Waterproof Tester

Features:-

Microprocessor Based

Water Proofing

Floats on Water

Large LCD Display

Automatic Temperature Compensation (ATC)

Data Hold, Max/Min and °C/ °F switchable

Low Battery and Consumption Indicator

Auto Power-Off after 10 minutes

Replaceable Sensor

pH/Conductivity/TDS/Salt/Temp Waterproof Tester is a microprocessor based tester used to determine pH, mV, Temperature, Conductivity, TDS and Salts in a liquid.

This tester has wide applications in agriculture, anti-freeze recycling, aquarium, boiler, chemical industry, cooling tower, drinking water, fish farming, food industry, garden husbandry, hydroponics, laboratory usage, plating industry, swimming pool & spa, water treatment etc.

It has rugged design for field use.

It floats on water.

It has Automatic Temperature Compensation (ATC) and is degree °C/°F switchable.

It displays Maximum/Minimum value and data hold on large LCD display.

It has low battery and consumption indicator along with auto shut off after 10 minutes of non use.

Specifications:-

Display	Large LCD to display respective parameters, Battery level, ATC & Temperature
Range	pH: -2 - 16.00 TDS: 0 - 1300 ppm 1.30 - 13.00 ppt Cond: 0 - 2000 μ S 2.00 - 20.00 mS
	mV: -1000 - 1000 mV Salt: 0 - 1000 ppm 1.00 - 12.00 ppt Temp: 0 - 90.0 $^{\circ}$ C 32 - 194.0 $^{\circ}$ F
Resolution	pH: 0.01 pH, mV: 1 mV, TDS: 1 ppm/0.01 ppt, Cond.: 1 μ S/0.01 mS, Temp.: 0.1 $^{\circ}$ C/ $^{\circ}$ F, Salt: 1 ppm/0.01 ppt
Accuracy	pH: \pm 0.01 +1 Digit, mV: \pm 2 +1 Digit, TDS/Cond/Salt: \pm 2% of F.S., Temp: \pm 0.2 $^{\circ}$ C +1 Digit
Automatic Temperature	Automatic Temperature Compensation (ATC) with temperature display
Temperature Coefficient	2% per $^{\circ}$ C
Sensor	User Replaceable
Water Proof	As per IP – 57 water proofing standard
Calibration	Calibration pH: 4.00, 7.00 and 10.01, Cond.: 0 μ S, 1413 μ S, 12.88 mS
Power	DC 1.5 V x 4 battery (UM-4/AAA) Auto power off after 10 minutes
Dimensions (L x B x H)	Meter: 195 x 40 x 36 mm (Approx.) Kit: 230 x 205 x 50 mm (Approx.)
Weight	Meter: 135 g with battery, Kit: 780 g
Others Features	Auto Power-off after 10 minutes, Hold function to freeze reading, Push button calibration, Water-proof IP-57, Temperature coefficient - 2% per $^{\circ}$ C, Self-Diagnostics message for low battery
Accessories	Standard Calibration Solution (50 ml), Battery, Lanyard, Operation Manual and Carrying Case

 **LAB ENGINEERING**

Elab Engineering Equipments Manufacturers