

**Product Name :**  
PH and MV and Conductivity and TDS and Salt and Temp**Product Code :**  
ELABANALYTICAL0040**Description :**

PH and MV and Conductivity and TDS and Salt and Temp

**Technical Specification :**

Microprocessor Based  
IP-57 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 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.

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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  $\mu$ S 2.00 - 20.00 mS  
Resolution: pH: 0.01 pH, mV: 1 mV, TDS: 1 ppm/0.01 ppt, Cond.: 1  $\mu$ 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  $\mu$ S, 1413  $\mu$ S, 12.88 mS  
Power: DC 1.5 V x 4 battery (UM-4/AAA) Auto power off after 10 minutes  
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**