

Product Name :
Digital PH Conductivity and Temperature Meter

Product Code :
ELABANALYTICAL0038



Description :

Digital PH Conductivity and Temperature Meter

Technical Specification :

Highly Stable and Accurate
3½ Digit Red LED Display
Cell Constant Adjustment Facility
Rugged & Reliable Design

Digital pH, Conductivity & Temperature Meter is an elegant rugged and most economical instrument for fast and accurate pH, Conductivity and Temperature measurements in any laboratory. This instrument is useful for monitoring acidity & alkalinity, conductivity & temperature of natural water, sea water, drinking water, treated water, waste water, brine solution, soil and other chemical solutions.

3½ digit, seven segment bright red LED display & solid state IC circuitry makes it versatile and reliable. It operates on 230V AC, 50 HZ.

These are extremely useful instruments for chemical laboratories, pollution and environmental testing, public health engineering, sugar cement, paper industries, pharmaceuticals & boiler water analysis, agriculture and soil labs, brewery and transport under takings, fertilizer plants and petroleum refineries etc.

Display: 3½ Digit LED
pH
Range: 0 - 14 pH
Resolution: 0.01 pH

Accuracy: 0.01 ± 1 Digit
Input Impedance: > 1012 ohms
Temp. Comp: Manual: $0 - 100^{\circ}\text{C}$
Slope Correction: $80 - 120\%$

CONDUCTIVITY

Range: $0 - 20$ mS/Cm in 2 ranges
Resolution: 1 S/Cm
Accuracy: $\pm 0.5\%$ of Range ± 1 digit
Oscillator: 1 KHz in-built
 1 KHz in-built: $0.2 - 1.8$ adjustable directly on digital display
Temperature Compensation: $0 - 50^{\circ}\text{C}$ adjustable from Temp. Table at 25°C

TEMPERATURE

Range: $0 - 100^{\circ}\text{C}$
Resolution: 0.1 C
Accuracy $\pm 0.2\% \pm 1$ digit
Sensor: Semi Conductor (PT-100) Type
Power Supply: $220\text{ V} \pm 10\%$ AC, 50 Hz

 **LAB ENGINEERING**

Elab Engineering Equipments Manufacturers