

# ONLINE PH/ORP INDICATOR

Economy version panel mount type

MODEL : pH 641



## INTRODUCTION

**pH is the potential measure of hydrogen ion concentration in the solution, expressing the acidity or alkalinity of solution on a Logarithmic scale on which 7 is neutral, lower values are more acid and higher values are more alkaline.**

**SANSEL make online ph 641 indicator is a precise, rugged and weather proof instrument carefully designed for the most accurate measurement of pH/ ORP in all industries. This instrument is a panel mountable with a compact standard size of 48 x 96 x 65mm with front end pot meter type easy adjustable 4pH & 7pH buffer calibration, zero & SPAN adjustment for ORP. This instrument operates from 90V to 270V AC / DC ,50Hz.**

## FEATURES

- ✓ 3½ Digit seven segment LED display
- ✓ High accuracy
- ✓ Easy front end two point buffer calibration
- ✓ Very high input impedance > 10<sup>12</sup> ohms
- ✓ Compact size
- ✓ Rugged and weather proof enclosure
- ✓ Variety of electrode fittings
- ✓ Universal Supply voltage 90 to 270V AC / DC,50 Hz.

## TECHNICAL SPECIFICATIONS

Model	pH 641
Display	0.5" 3 ½ Digit 7 segment Red LED
Range	0 to 14 pH / -1999 to 1999 ORP
Accuracy	± 0.01 pH ± 1 digit / ± 1 ORP ± 1 digit
Resolution	0.01 pH / 1 ORP
Input Impedance	> 10 <sup>12</sup> Ohms
Electrode	Combined Electrode with BNC attachment
Input connection	BNC socket
Operating Environment	0 to 50°C / 20 to 95 % RH non condensing
Power supply	230V AC / 50 Hz ± 10%
Overall Dimension in mm	48 x 96 x 65 (H x B x L)
Cut out Dimension in mm	44 x 92 (H x B)
Instrument Weight	200 g

Note: Due to continuous product improvements, published specifications may change with out notice

### Standard Delivery

1. Basic Instrument
2. Panel mount Clamp set
3. Instruction manual



### Optional

1. Combined Electrode with PP adapter for easy pipe line fitting
2. 4 & 7 pH standard tablet with container
3. Imported certified Standard buffer Solution
4. Pipe line Flow Through assembly of "L" type PVC setup for electrode for Tank installation.

## SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

ISO/IEC 17025 Accredited Calibration Laboratory by NABL CC - 2879  
( Thermal, Mechanical, Electro-Technical, Dimension Parameters )

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