

pH METER

Economy desktop version

MODEL : pH 300



INTRODUCTION

SANSEL make digital pH meter is a precise and rugged instrument carefully designed for the most accurate measurement of pH in laboratories and industries.

The instruments are completely IC version using “MOSFET” input “OP - AMP” and CMOS ICs. It is a metal cabinet of elegant shape. All the controls that are in regular use have been incorporated in the front panel for operational easy.

The instrument is capable of measuring millivolts with auto. Polarity for redox potentials and potentiometric titrations. This instrument operates from 180V to 230V AC 50Hz.

FEATURES

- ✓ Highly reliable and accurate meter.
- ✓ Very responsive combination glass pH electrode.
- ✓ Latest ICs used for quick sensing and high accuracy.
- ✓ Adjustable temperature compensation.
- ✓ Input is compatible for any type of electrode.
- ✓ SLOPE 4.00 and CAL 7.00 adjustment controls are provided on front for recalibration of instrument.

Technical Specifications

| Model | pH 300 |
|--------------------------|---|
| Display | 0.5" 3 ½ Digit 7 segment Red LED |
| Range | 0 to 14 pH / -1999 to +1999 mV |
| Resolution | 0.01 pH / 1 mV |
| Accuracy | ± 0.05 pH ± 1 digit / ± 1 mV ± 1 digit |
| Input Impedance | > 10 ¹² Ohms |
| Input connection | BNC socket |
| Electrode | Combined Electrode with BNC attachment |
| Temperature Compensation | 0 to 50 °C (Manual) continuously adjustable |
| Operating Environment | 0 to 50 °C / 20 to 95 % RH non condensing |
| Power supply | 230V AC / 50 Hz ± 10% |
| Overall Dimensions in mm | 185 x 235 x 65 (L x B x H) |
| Instrument weight | 1.6 kg (Approx.) |

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

Standard Delivery

1. Basic Instrument
 2. Combined Electrode
 3. 4 & 7 pH standard tablet with container
 4. Electrode Clamp & stand set
 5. Instruction manual
- Optional

Imported certified
standard buffer
solution



Optional

1. Imported certified Standard buffer Solution
2. Epoxy body imported Combined Electrode
3. 4 & 7 pH standard tablet with container

Epoxy body imported
combined Electrode



SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

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

1 / 46 , 3rd Main road, Ganga Nagar, MMDA Colony , Maduravoyal , Chennai - 600 095. INDIA
☎ +91 44 2378 3951, 📞 +91 72999 72085 / 86 / 93, 📠 +91 98401 49928 ✉ enquiry@ sansel.net

🌐 www.sansel.net

🌐 www.sansel.in

🌐 www.sansel.co.in

🌐 www.calibrators.in

