

# pH / ORP METER

## Economy desktop version

MODEL : pH 302



## INTRODUCTION

**SANSEL pH 302 Model pH / ORP meter that offer high Accuracy pH, ORP and temperature measurement in a single unit. It has 16 Character x 2 Line LCD display and read pH / ORP and temperature at a time with engineering unit.**

**These Technologically advanced meter build with easy calibration steps. Automatic and manual temperature compensation is selectable for pH Parameter. Two point calibration is provided for ORP measurement.**

# FEATURES

- ✓ Micro Controller Based High Accuracy
- ✓ Three Parameter in One unit
- ✓ Quick and easy calibration, Upto 3 calibration points with auto buffer recognition.
- ✓ Selectable Automatic / Manual temperature compensation.
- ✓ Non-Volatile memory to hold your setting and calibration points, When power is OFF.
- ✓ Combined Electrode for pH with BNC attachment
- ✓ Special temperature sensor for Automatic Temperature Compensation(ATC).

## Technical Specifications

Features	Values
Model	pH 302
Range	0 to 14 pH / -1999 to +1999 mV / 0 – 150°C
Input Impedance	> 10 <sup>12</sup> Ohms
Resolution	0.01 pH / 1 mV / 0.1°C
Temperature Compensation	0 to 50°C Manual / Automatic
Display	16 Character x 2 line LCD with Backlight
Accuracy	± 0.01 pH ± 1 digit / ± 1 mV ± 1 digit / ± 0.5°C ± 1 digit
Electrode	Combined pH Electrode with BNC attachment
Temperature sensor	Provided with 3 pin female socket
pH / ORP Input connection	BNC socket
Operating Environment	0 to 50 °C / 20 to 95 % RH non condensing
Power supply	230V AC / 50 Hz ± 10%
Temperature connection	3 pin male socket
Overall Dimension in mm	190 x 185 x 75 ( L x B x H )
Instrument Weight	1.7 kg (Approx.)

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

### Standard Delivery

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

Imported certified standard buffer solution



### Optional

1. Platinum ORP electrode
2. Imported certified Standard buffer Solution
3. Epoxy body imported Combined Electrode
4. 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 )

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