

PH METER

IG- 20PH



CONTACT US

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ABOUT THE COMPANY

iGene Labserve Pvt. Ltd. is gaining recognition by offering resilient, innovative solutions in laboratory instrumentation across healthcare, genomics, drug discovery, biopharma, and food & beverage sectors. We strive to enhance lab efficacy and reduce challenges through advanced technologies and a diverse product portfolio tailored to our customers' needs.

DESCRIPTION

The IG-20PH Digital pH Meter is a high-precision laboratory instrument designed for accurate measurement of pH, ORP (mV), and temperature across a wide range of applications. Equipped with advanced calibration options, automatic temperature compensation, and intelligent data management, the instrument ensures reliable and reproducible results for research, quality control, environmental analysis, food & beverage testing, and routine laboratory measurements. Its user-friendly interface, multi-point calibration capability, and high-resolution display make it ideal for both routine and advanced analytical applications.

FEATURES

- Wide pH measurement range from -2.000 to 20.000 pH
- High accuracy with up to ± 0.002 pH
- Up to 5-point calibration with auto buffer recognition
- Supports multiple buffer standards: USA, NIST, DIN & user-defined
- Automatic & manual temperature compensation (ATC)
- Electrode slope display for calibration diagnostics
- Absolute and relative mV (ORP) measurement modes
- Auto endpoint detection and hold function for stable readings
- Built-in real-time clock with GLP-compliant data stamping
- Memory storage for up to 500 readings
- Customizable setup menu for resolution, stability, calibration reminders, and units
- Auto power-off function for energy saving
- Clear backlit LCD display for easy operation



TECHNICAL SPECIFICATION

| Parameter | Specification |
|----------------------------|--|
| pH Range | -2.000 to 20.000 pH |
| pH Accuracy | ±0.002 pH |
| pH Resolution | 0.001 / 0.01 / 0.1 pH (Selectable) |
| mV Range | ±1999 mV |
| mV Accuracy | ±0.2 mV |
| mV Resolution | 0.1 / 1 mV (Selectable) |
| Calibration | Up to 5 points |
| Buffer Standards | USA, NIST, DIN, User-Defined |
| Calibration Reminder | 1-30 days or OFF |
| Temperature Range | 0 to 105°C (32 to 212°F) |
| Temperature Accuracy | ±0.5°C (±0.9°F) |
| Temperature Compensation | Automatic / Manual |
| Memory | 500 readings with date & time |
| Auto-Off | Manual or Automatic (10 / 20 / 30 min) |
| Display | Bright LCD with mode indicators |
| Power Supply | AC Adapter, 220V, 50/60Hz |
| Packing Dimensions (L×W×H) | 310 × 250 × 190 mm |
| Gross Weight | Approx. 2 kg |



iGENE LABSERVE®
Innovative • Interactive • Intuitive



CONNECT WITH US.

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