

# 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-20 Microprocessor pH Meter is a high-precision analytical instrument designed for accurate and reliable measurement of pH, mV (ORP), and temperature in laboratory and industrial applications. It features advanced microprocessor-based technology, ensuring fast, stable, and reproducible results.

With a large backlit LCD display, user-friendly interface, and intelligent functions such as automatic temperature compensation and multi-point calibration, the IG-20 delivers both accuracy and convenience. It is ideal for use in research laboratories, educational institutions, environmental testing, water treatment facilities, and quality control departments.

## FEATURES

- High-precision digital pH meter with large backlit LCD display
- Up to 5-point push-button calibration with auto buffer recognition
- Selectable pH buffer standards (USA, NIST, DIN, or user-defined) and temperature units
- Automatic Temperature Compensation (ATC) for accurate results across full temperature range
- Auto slope calculation and calibration reminder for consistent accuracy
- ORP measurement mode with single-point offset calibration (Absolute/Relative mV)
- Automatic endpoint detection for stable readings
- Data storage for up to 500 readings with real-time clock (GLP compliant)
- USB interface for data transfer to PC
- User-configurable setup menu for calibration points, buffer standards, stability, and resolution
- Help messages and operational guide for easy use
- Auto power-off and factory reset function



## TECHNICAL SPECIFICATION

Parameter	Specification
<b>Model</b>	IG-20PH
<b>pH Range</b>	-2.000 to 20.000 pH
<b>pH Accuracy</b>	±0.002 pH
<b>pH Resolution</b>	0.0001, 0.01, or 0.1 pH (selectable)
<b>mV Range</b>	±1999.0 mV
<b>mV Accuracy</b>	±0.2 mV
<b>mV Resolution</b>	0.1 or 1 mV (selectable)
<b>Calibration Points</b>	Up to 5 points
<b>pH Buffer Groups</b>	USA (1.68, 4.01, 7.00, 10.01, 12.45) NIST (1.68, 4.01, 6.86, 9.18, 12.45) DIN (1.09, 4.65, 6.79, 9.23, 12.70) or User-defined
<b>Calibration Reminder</b>	1–30 days or OFF
<b>Temperature Range</b>	0–105°C (32–221°F)
<b>Temperature Accuracy</b>	±0.5°C (±0.9°F)
<b>Temperature Compensation</b>	0–100°C (Auto or Manual)
<b>Auto-Off Function</b>	Manual or automatic (10, 20, 30 min selectable)
<b>Memory Capacity</b>	500 readings with date/time stamp
<b>Power Supply</b>	DC 5V adapter (AC 220V / 50Hz)
<b>Dimensions (L×W×H)</b>	210 × 188 × 60 mm
<b>Weight</b>	1.2 kg



# CONNECT WITH US.

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