

# PH METER IG- 20PH



**CONTACT US**

[info@igenels.com](mailto:info@igenels.com)  
[www.igenels.com](http://www.igenels.com)

## 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



## TECHINICAL SPECIFICATION

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



**CONNECT  
WITH US.**



## ADDRESS

16/2, BLOCK 16, ASHOK NAGAR,  
NEW DELHI-110018

**TELEPHONE**

+91 11 79613060

## EMAIL

info@igenels.com

**WEBSITE**

<https://www.igenels.com>