

Microprocessor pH Meter IG-20pH



IGENE LABSERVE

Innovative • Interactive • Intuitive

FEATURES & SPECIFICATIONS

DESCRIPTION

IG-20 pH meter is an instrument used to measure acidity or alkalinity of a solution.

FEATURES

- ✚ IG-20PH is a high precision pH meter with large backlit LCD display.
- ✚ The meter can display many useful prompt messages for quick & easy measurement of samples. During the pH mode, up to 5 points push-button calibration with auto buffer recognition. Selectable pH buffer standards and temperature units.
- ✚ Automatically calculates and displays electrode slope after calibration. Automatic Temp. Compensation (ATC) ensures highly accurate measurement over the entire range.
- ✚ Calibration due reminder prompts you to calibrate the meter regularly.
- ✚ During ORP mode, Single point offset calibration allows user adjusts displayed value to a known standard.
- ✚ Absolute or Relative millivolt (R.mV) measurement provides accurate ORP readings.
- ✚ Automatic endpoint function freezes the stable measured values for easy reading and recording data.
- ✚ Help message as an operational guide to helps you understand how to use meter.
- ✚ Setup menu lets user customizes buffer standards, calibration points, stability conditions, resolution, temperature units, date and time to meet measurement requirements. Reset function can resumes all settings to factory default values.
- ✚ Expanded memory stores and recalls up to 500 readings.
- ✚ Built-in real-time clock stamps stored data to meets GLP standards.
- ✚ Stored data can be transferred into computer via USB communication interface.



SPECIFICATION

Model	IG-20PH
pH Range	-2.000~20.000pH
pH Accuracy	±0.002pH
pH Resolution	0.0001, 0.01, 0.1pH (Selected)
mV Range	±1999.0mV
mV Accuracy	±0.2mV
mV Resolution	0.1, 1mV (Selectable)
Calibration	upto 5 points
pH Buffer Groups	USA (pH1.68,4.01,7.00,10.01,12.45), NIST (pH1.68,4.01,6.86,9.18,12.45) DIN (pH1.09,4.65,6.79,9.23,12.7 OR User Define)
Calibration due reminder	1 to 30 days of OFF
Temp, Range	0~105°C, 32~221°F
Temp, Accuracy	± 0.5 °C, ± 0.9 ° F
Temperature Compensation	0~100°C, 32~212°F, Automatic or Manual
Auto-Off	Manual or Automatic (10, 20, 30 minutes after last key pressed) (Selectable)
Memory	500 readings with date and time
Power Supply	DC 5V adapters, using AC 220V / 50Hz,
Dimensions LxWxH (mm)	210 x 188 x 60
Weight	1.2 Kg
STANDARD ACCESSORIES	
pH Meter	1 Pcs
pH Electrode	1Pcs
pH Buffers, (pH 4.01, 7.00 10.01)	3 Pcs
Temperature Probe	1 Pcs
Electrode Stands	1 Pcs
5V Power Adaptors	1 Pcs
Instruction Manual	1 Pcs