

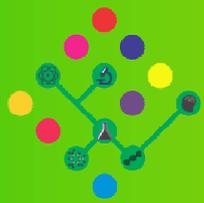
IGENE LABSERVE

Innovative • Interactive • Intuitive

MICROPROCESSOR PH METER IG-20PH



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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.





TECHNICAL PARAMETERS

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

