

Product Code SLS0700 – SLS Lab Pro Hydron pH Meter

Features

- Simple operation
- Dual measurement Includes temperature display with all readings
- 100 Point memory
- Detachable electrode holder
- Compact footprint saves valuable bench space
- Custom setup options
- Hold function and stability indicator
- 3-Year warranty



Generous Display
with large digits



Splashproof Keypad
protects against incidental spills



Non-Skid Pads
Hold meter steady during operation



Multi-Electrode Holder
More organised, less space occupied



Electrode Arm
can be used on either side



Slide-Out Quick Reference Guide
For quick, convenient referencing



Product Code SLS0700 – SLS Lab Pro Hydron pH Meter



pH / mV-Redox-ORP / Temperature

Economical, user-friendly and accurate, the SLS Lab Pro Hydron pH Meter is your ideal choice for routine applications in laboratories, production plants and schools.

- Large, easy-to-read display
- Ready indicator let you know when readings are stable
- Up to 5-point calibration with auto-buffer recognition
- Non-volatile memory holds up to 100 data points
- Integral electrode holder

Applications:

- *Educational:* Useful for most laboratory, ecological studies and other applications.
- *Laboratory:* Environmental studies, chemical labs, titrations and quality assurance testing. Use in all types of food processing.

Meter Specifications

| | |
|--------------------------|---|
| pH Range | -2.00 to 16.00 pH |
| pH Resolution | 0.01 pH |
| pH Accuracy | ±0.01 pH |
| pH Calibration Points | Up to 5 points with Auto-Buffer Recognition |
| pH Buffer Options | USA: pH 1.68, 4.01, 7.00, 10.01, 12.45 NIST: pH 1.68, 4.01, 6.86, 9.18, 12.45 |
| Slope Display | Yes (with offset) |
| mV Range | ±2000 mV |
| mV Resolution | 0.1 mV (±199.9 mV), 1 mV beyond ±200 mV |
| mV Accuracy | ±0.2 mV (±199.9 mV), ±2 mV beyond ±200 mV |
| mV Offset Adjustment | Up to ±150 mV |
| Temperature Range | 0.0 to 100.0 °C 32.0 to 212.0 °F |
| Temperature Resolution | 0.1 °C / 0.1 °F |
| Temperature Accuracy | ±0.3 °C ±0.5 °F (0 to 70 °C) |
| Temperature Compensation | Automatic or Manual (0 to 100 °C, 32 to 212 °F) |
| Temperature Calibration | Offset in 0.1 ° increments; Offset range: ±5.0 °C, ±9.0 °F |
| Memory | 100 data sets |
| Inputs | BNC, ATC, Reference (Half-cell) |
| Power | AC/DC 9V, 6W Adapter (100/240 VAC, 50-60Hz) |
| Weight | 0.65 kg, 1.4 lbs. |

Environmental Conditions

| | |
|--------------------------|----------------------------|
| Environmental Conditions | Indoors |
| Altitude | Up to 2,000 Meters |
| Temperature | 5°C to 45°C |
| Relative Humidity | 0 to 80%RH |
| Mains Fluctuation | ±10% of range (100-240VAC) |
| Installation Category | II |
| Pollution Degree | 2 |
| Protection Class | III |
| Storage Temperature | 5°C to 45°C |

3
YEARS

Warranty

Three years of warranty against manufacturing defects for our meters, and six months for our electrodes.

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