

Solvica A-120-UK Professional pH Meter : High-accuracy pH meter, containing 13 menu items, stores up to 1000 data, accuracy 0.002pH.

Product Description

Solvica A120-UK Professional pH Meter

High-accuracy pH meter, containing 13 menu items, stores up to 1000 data, accuracy 0.002pH.

pH Mode:

- Professional benchtop pH meter is equipped with a 7 inch TFT display.
- 1 to 5 points calibration with automatic recognition for USA, NIST and DIN buffers.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Solution temperature coefficient compensates for the pure water samples and references the pH to 25°C.

ORP Mode:

- 1 point offset calibration allows adjusting the displayed value to a known standard.
- Relative and absolute millivolt modes ensure the reliable ORP measurements.



Technical Specification

- Auto-Read function senses and locks the measurement endpoint.
- Timed Interval Readings sends the measurement data to a PC or printer.
- Limit Alarm automatically alerts when reading exceeds the specified range.
- Calibration due alarm prompts user to calibrate the meter regularly.
- Calibration report shows the date, time, pH slope and offset.
- Password protection prevents the unauthorized calibration and settings.
- Expanded memory stores or recalls up to 1000 data sets.
- Reset function automatically resumes all settings back to the factory defaults.

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Main Technical Parameters

pH:

- Range: -2.000 to 20.000pH
- Resolution: 0.001, 0.01pH, selectable
- Accuracy: ± 0.002 pH
- Calibration Points: 1 to 5 points
- pH Buffer Options: USA, NIST, DIN, 5 custom buffers

ORP

- Range: ± 2000.0 mV
- Resolution: 0.1mV
- Accuracy: ± 0.2 mV
- Calibration Points: 1 point
- Measurement Modes: Relative or absolute mV

Temperature:

Range: 0 to 105°C/32 to 221°F

Resolution: 0.1°C/0.1°F

Accuracy: ± 0.5 °C/ ± 0.9 °F

Offset Calibration: 1 point

Calibration Range: Reading ± 10 °C

General Specifications

- Temperature Compensation: 0 to 100°C/32 to 212°F, manual or automatic
- Stability Criteria: Standard or high-accuracy
- Calibration Due Alarm: 1 to 31 days or off
- Interval Readings: 10, 30, 60 seconds, 10, 30 minutes or off
- Password Protection: 4 digits
- Memory: Stores up to 1000 data sets
- Output: USB communication interface
- Connector: BNC, 3.5mm jack socket
- Display: 7 inch TFT LCD
- Power: DC12V, using AC adapter, 220V/50Hz
- Dimensions: 240(L)×220(W)×80(H)mm
- Weight: 1.7kg

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PH-A120

Included:

- P11 glass pH electrode
- TP-10K temperature probe
- pH buffer sachets 4.01/7.00/10.01
- DC9V Power adapter

Ordering information: PH-A120-UK professional pH meter

Disclaimer

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development