

## **Solvica B220 Portable pH Meter : Economy portable pH meter, 1 to 3 points calibration, Automatic Temperature Compensation, setup menu contains 7 optional**

### **Product Description**

**parameters. Accuracy: 0.01pH.**

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**B220:** Economy portable pH meter

Economy portable pH meter, 1 to 3 points calibration, Automatic Temperature Compensation, setup menu contains 7 options, accuracy: 0.01pH.



### **Technical Specification**

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- Economy portable pH meter is equipped with a backlit LCD display.
- 1 to 3 points calibration with automatic recognition for USA and NIST buffers.
- Automatic electrode diagnosis helps the user decide whether to replace the pH electrode.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Auto-Read function senses and locks the measurement endpoint.
- Auto-Power Off effectively conserves battery life.
- Setup menu allows setting the pH buffer group, number of calibration points, temperature unit, etc.
- Reset function automatically resumes all settings back to the factory defaults.
- Expanded memory stores or recalls up to 100 data sets.
- USB communication interface for data transfer or connecting a power adapter to meter.

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### **Main Technical Parameters**

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#### **pH-B220**

- Range: -2.00 to 20.00pH
- Resolution: 0.01pH
- Accuracy:  $\pm 0.01$ pH
- Calibration Points: 1 to 3 points
- pH Buffer Options: USA (pH4.01/7.00/10.01), NIST (pH4.01/6.86/9.18)

#### **mV**

- Range:  $\pm 1999$ mV
- Resolution: 1mV
- Accuracy:  $\pm 1$ mV

#### **Temperature**

- Range: 0 to 105°C/32 to 221°F
- Resolution: 0.1°C/0.1°F
- Accuracy:  $\pm 0.5^\circ\text{C}/\pm 0.9^\circ\text{F}$
- Offset Calibration: 1 point
- Calibration Range: Reading  $\pm 10^\circ\text{C}$

#### **General Specifications**

- Temperature Compensation: 0 to 100°C/32 to 212°F, manual or automatic
- Auto-Power Off: 30 minutes after last key pressed
- Memory: Stores up to 100 data sets
- Output: USB communication interface
- Connector: BNC, 3.5mm jack socket
- Display: Custom LCD (80×60mm)
- Power: 3×1.5V AA batteries or DC5V power adapter
- Battery Life: Approximately 150 hours (turn off the backlight)
- Dimensions: 170(L)×85(W)×30(H)mm
- Weight: 300g

#### **Included:**

- P11 glass pH electrode
- TP-10K temperature probe
- pH buffer sachets 4.01/7.00/10.01
- Carrying case

### **Disclaimer**

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The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose

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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 used 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