

Key-operated benchtop pH meter



Product Advantages

- Equipped with a 6.5-inch LED screen with complete and intuitive parameter display. The user-friendly interface design ensures easy operation.
- Adopts long-life touch keys from OMRON, which are convenient and durable, with a service life of more than 100,000 presses.
- Meets international GLP standards. Features include automatic calibration, automatic temperature compensation, data storage, USB output, clock display, wireless printing setup, and automatic breakpoint memory.
- Built-in large-capacity memory can store up to 1000 sets of measurement data. Data can be transferred via USB flash drive and opened with common office software such as Excel, greatly facilitating customer editing.

- Automatically recognizes pH standard buffer solutions. Three series are available: USA/EU series, NIST series, and China series.
- The instrument is equipped with a standard Bluetooth module, supporting wireless Bluetooth printing for convenient operation. Optional Bluetooth data transmission to mobile phones and computers is available.
- Intelligently judges the electrode status to ensure accurate use by customers.
- Designed to meet IP54 dustproof and splash-proof grade.

Technical Specifications

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|------------------------|------------------------------|
| • Item | • Parameters |
| • Model | • YF-901 |
| • Display | • 6.5-inch LED Screen |
| • Display Parameters | • pH, mV, Temperature, Time |
| • pH Measuring Range | • -2.00 to 19.99 pH |
| • pH Resolution | • 0.1/0.01 pH |
| • pH Relative Accuracy | • ±0.02pH |
| • Stability | • ±0.01 pH/3h |
| • Input Current | • $\leq 2 \times 10^{-12}$ A |

• Item	• Parameters
• Input Impedance	• $\geq 1 \times 10^{12} \Omega$
• mV Measuring Range	• -1999~1999 mV
• mV Resolution	• 1mV
• mV Relative Accuracy	• $\pm 0.1\%FS$
• Temperature Range	• 0~100°C
• Temperature Resolution	• 0.1°C
• Temperature Accuracy	• $\pm 0.5^\circ C$
• Temperature Compensation	• Manual/Automatic (0~100)°C
• Calibration	• Automatic (3-Point Calibration)
• GLP Standard	• Compliant
• Buffer Solutions	• Europe/USA/NIST
• Data Storage	• 2000 Groups
• Communication Interface	• USB2.0, Bluetooth Wireless, Micro USB
• Operating Conditions	• Temperature: 5-40°C, Humidity: 5-85%
• Power Supply	• 12V 1A



- Item

- Parameters

- Dimensions and Weight

- (215×175×35) mm, 570g