



## PH METER BFU1BY1

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## PH/CONDUCTIVITY METER



1. 5-inch LCD screen with 150° viewing angle for clear reading out of 5-meter.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, automatic power-off and low voltage alarm, etc.
3. Two USB interfaces for PC connection, battery charging, and data transfer.
4. The 3.5mm electrode interface makes it very easy for electrode connection.
5. Automatic recognition of different electrodes. The electrode with built-in chip can automatically stores and retrieve calibration data after connecting with the meter.
6. Automatic recognition of buffers & calibration solutions with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point calibration.
7. Can store 200 sets of data including readings, GLP data, date and time.

## SPECIFICATIONS

Model	BFU1BY1
pH Measuring range	(-2 ~ 19.999)pH
pH Resolution	0.1/0.01pH
pH Accuracy	±0.02 pH
pH Input current	≤2×10 <sup>-12</sup> A
pH Input impedance	≥1×10 <sup>12</sup> Ω
pH Stability	±0.002 pH/3h
pH Temp. compensation range	(0 ~ 100)°C, auto/manual
mV Measuring range	-1999.9mV ~ 0 ~ 1999.9mV
mV Resolution	0.1mV
mV Accuracy	±0.03% FS
Conductivity Measuring range	Conductivity: (0.00~20.00)μS/cm; (20.0~200.0)μS/cm;
Conductivity Resolution	0.01/0.1/1μS/cm; 0.01/0.1mS/cm
Conductivity Accuracy	Meter: ±1.50% FS; Electrode: ±1.0% FS
Conductivity Temp. compensation range	(0 ~ 50)°C , auto
Conductivity Electrode constant	0.1 / 1 / 10 cm <sup>-1</sup>
Temperature Measuring range	(-10 ~ 110)°C
Temperature Resolution	0.1°C
Temperature Accuracy	5~ 60°C: range: ±0.4°C; other range: ±0.8°C
Calibration	1, 2, 3 point
Others Display	5-Inch white backlit LCD screen
Others Data storage	200 sets
Others Power	DC 5V/1A
Others Communication connector	Micro USB & Standard USB
Others Dimension/N.W.	180 x 130 x 14mm/280g
Working Condition	pH electrode, Temperature probe, Buffer solution, Power adapter, Manual
Working Condition Environmental	≤85%
Working Condition IP Grade	IP54
Standard Accessories	pH electrode, Cond. electrode (K=1), Temperature probe, pH buffer solution, Power adapter, Manual
Alt Name	pH/Conductivity Meter

## FEATURES

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3. Two USB interfaces for PC connection, battery charging, and data transfer.
4. The 3.5mm electrode interface makes it very easy for electrode connection.
5. Automatic recognition of different electrodes. The electrode with built-in chip can automatically stores and retrieve calibration data after connecting with the meter.
6. Automatic recognition of buffers & calibration solutions with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point calibration.
7. Can store 200 sets of data including readings, GLP data, date and time.
8. A rechargeable battery can last for 30 hours. Auto power off when no operation in 10 minutes.



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada  
Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)