



## PH METER BFU1BI1

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## PH/CONDUCTIVITY METER



1. 6.5-inch LCD screen with concise and friendly-use interface.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
3. Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China.
4. Auto recognition of 8 conductivity standard solutions with 2 kinds of options: Europe & USA, and China.
5. Wireless bluetooth printing and real-time data transfer to mobile phones are optional.
6. Smart electrode status display to ensure accurate use.

## SPECIFICATIONS

Model	BFU1BI1
pH Measuring range	(-2.00 ~ 20.00)pH
pH Resolution	0.1/0.01 pH
pH Accuracy	±0.02pH
pH Auto calibration	1, 2, 3 point
pH Buffer	Europe & USA, NIST, China standards
pH Input current	≤2x10 <sup>-12</sup> A
pH Input impedance	≥1x10 <sup>12</sup> Ω
pH Stability	±0.01 pH/3h
pH Temp. compensation	(0 ~ 100)°C, auto or manual
mV ORP Measuring range	-1999.9mV ~ 0 ~ 1999.9mV
mV ORP Resolution	1 mV
mV ORP Accuracy	±0.1% FS
Cond. Measuring range	Conductivity:
Cond. Resolution	0.01/0.1/1μS/cm, 0.01/0.1/1mS/cm
Cond. Accuracy	Electrode: ±0.5% FS, Meter: ±0.80% FS
Cond. Temp. compensation	(0 ~ 100)°C, auto
Cond. Electrode constant	0.1/1/10 cm <sup>-1</sup>
Cond. Reference Temp.	25°C, 20°C, 18°C
Temp. Measuring range	(0 ~ 100)°C
Temp. Resolution	0.1°C
Temp. Accuracy	5 ~ 60°C: ±0.4°C Others: ±0.8°C
Other Display	6.5-inch LCD screen
Other Data storage	1000 sets
Other Power	DC 12V/1A
Other Output	USB
Other Ambient Temp.	5 ~ 40 °C
Other Ambient Humidity	≤85%
Other IP grade	IP54
Other Dimensions/N.W.	215x170x37mm/600g
Other Shipping Size/G.W.	470x430x72mm/3kg
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. Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China.
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5. Wireless bluetooth printing and real-time data transfer to mobile phones are optional.
6. Smart electrode status display to ensure accurate use.
7. Omron's long lasting and light touch key can be used more than 100,000 times.
8. Can store 1000 sets of test data, which can be saved and transferred to a USB memory stick and opened with Excel.



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