



## PH METER BFU1BS1

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## PH/DO METER



1. 7-inch colored capacitive touch screen with high resolution (1024\*600) and high sensitivity.
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. It has functions of ATC, auto salinity compensation and auto pressure compensation.
5. Polarographic DO electrode, short polarization time (3-5 minutes).
6. It supports PC connection. Wireless bluetooth printing and real-time data tra

## SPECIFICATIONS

Model	BFU1BS1
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	≤1×10 <sup>-12</sup> A
pH Input impedance	≥3×10 <sup>12</sup> Ω
pH Stability	±0.01 pH/3h
pH Temp. compensation	(0 ~ 100)°C, auto or manual
mV Measuring range	-1999.9mV ~ 0 ~ 1999.9mV
mV Resolution	1 mV
mV Accuracy	±0.1% FS
DO Measuring range	(0-20.00)mg/L(ppm), (0-200.0)%
DO Resolution	0.1/0.01 mg/L(ppm), 1/0.1 %
DO Accuracy	Electrode: ±0.10 mg/L, Meter: ±0.40 mg/L
DO Response time	≤30s (25°C, 90% response)
DO Residual current	≤0.1 mg/L
DO Temp compensation	(0 ~ 45)°C, auto
DO Salinity compensation	(0 ~ 45) ppt, auto
DO Pressure compensation	(80 ~ 105) kPa, auto
DO Auto calibration	Air saturated by water, water saturated by air
DO Electrode type	Polarographic
Temp. Range	(-10 ~ 110)°C
Temp. Resolution	0.1°C
Temp. Accuracy	±0.5°C
Others Display	7-inch colored capacitive touch screen
Others Data storage	1000 sets
Others Power	12V/1A
Others Output	USB
Others Ambient Temp.	15 ~ 30 °C
Others Ambient Humidity	≤85%

Others IP grade	IP54
Others Dimensions/N.W.	215x170x37mm/600g
Others Shipping Size/G.W.	470x430x72mm/3kg
Standard Accessories	pH electrode, DO electrode, Temperature probe, Buffer solution, DO filling solution, Power adapter, Manual
Alt Name	pH/DO Meter

## FEATURES

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3. Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China.
4. It has functions of ATC, auto salinity compensation and auto pressure compensation.
5. Polarographic DO electrode, short polarization time (3-5 minutes).
6. It supports PC connection. Wireless bluetooth printing and real-time data transfer to mobile phones are optional.
7. Smart electrode status display to ensure accurate use.
8. Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.



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