



PH METER Bfu1BU1

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PH/CONDUCTIVITY/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. Auto recognition of 8 conductivity standard solutions with 2 kinds of options: Europe & USA, and China.
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.

SPECIFICATIONS

Model	BFU1BU1
pH Measuring range	(-1.999 ~ 19.999)pH
pH Resolution	0.1/0.01/0.001 pH
pH Accuracy	Electrode: ± 0.002 pH, Meter: ± 0.01 pH
pH Auto calibration	1, 2, 3 point
pH Buffer	Europe & USA, NIST, China standards
pH Input current	$\leq 1 \times 10^{-12}$ A
pH Input impedance	$\geq 3 \times 10^{12} \Omega$
pH Stability	± 0.002 pH/3h
pH Temp. compensation	(0 ~ 100)°C, auto or manual
mV ORP Measuring range	-1999.9mV ~ 0 ~ 1999.9mV
mV ORP Resolution	0.1 mV
mV ORP Accuracy	$\pm 0.03\%$ FS
Cond. Measuring range	Conductivity:
Cond. Resolution	0.01/0.1/1 μ S/cm; 0.01/0.1/1mS/cm
Cond. Accuracy	Electrode: $\pm 0.5\%$ FS, Meter: $\pm 0.8\%$ FS
Cond. Temp. compensation	(0 ~ 100)°C, auto
Cond. Electrode constant	0.1/0.5/1/5/10/50/100 cm-1
Cond. Reference Temp.	25°C, 20°C, 18°C
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	≤ 30 s (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. Measuring range	(0 ~ 100)°C
Temp. Resolution	0.1°C
Temp. Accuracy	5 ~ 60°C: $\pm 0.4^\circ\text{C}$ Others: $\pm 0.8^\circ\text{C}$

Other Display	7-inch colored capacitive touch screen
Other Data storage	1000 sets
Other Power	12V/1A
Other Output	USB
Other Ambient Temp.	5 ~ 35 °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), DO electrode, Temperature probe, pH buffer solution, DO fillingsolution, Power adapter, Manual
Alt Name	pH/Conductivity/DO Meter

FEATURES

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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. 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. 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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