





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

## Resolution	Model	BFU1BI1
## Accuracy #0.02pH ## Auto calibration 1, 2, 3 point ## Buffer Europe & USA, NIST, China standards ## Imput current £2x10-12 A ## Imput current £2x10-12 A ## Imput current £2x10-12 A ## Imput impedance £1x1012 Q ## Stability £0.01 pH/3h ## Imput compensation (0 ~ 100)°C, auto or manual ## ORP Measuring range £1999.mW ~ 0 ~ 1999.9mW ## ORP Measuring range £1999.mW ~ 0 ~ 1999.9mW ## ORP Accuracy £10.1% FS ## Each Curracy £10.1% FS ## Each Curracty £10.	pH Measuring range	(-2.00 ~ 20.00)pH
AH Auto calibration BH Muto turrent BH Buffer Burope & USA, NIST, China standards SZX10-12 A BH Input timpedance BH Input impedance BH Input impedance BH Stability BH Temp. compensation BY ORP Measuring range BY ORP Accuracy BH Scoular BY BESOLUTION BOTH ACCURACY BIOLITIAN BY BESOLUTION BOTH BY BUT B	pH Resolution	0.1/0.01 pH
BH Buffer Europe & USA, NIST, China standards bH Input current Linput current Linput impedance Linput current Linp	pH Accuracy	±0.02pH
AH Input current AH Input impedance AH Input impedance AH Stability AH Temp. compensation AV ORP Measuring range AN ORP Resolution AN ORP Accuracy ACCURACY ACCURACY AND ACCURACY	pH Auto calibration	1, 2, 3 point
All Input impedance All Stability All Temp. compensation All Temp. compensa	pH Buffer	Europe & USA, NIST, China standards
the Stability ±0.01 pH/3h the Temp. compensation the VORP Measuring range the VORP Measuring range the VORP Resolution the VORP Resolution the VORP Resolution the VORP Accuracy the Stability the Sta	pH Input current	≤2x10-12 A
Alt Temp. Compensation INV ORP Measuring range INV ORP Resolution INV ORP Resolution INV ORP Accuracy INV ORP OR	pH Input impedance	≥1x1012 Ω
The ORP Measuring range and the North Resolution and the North Resoluti	pH Stability	±0.01 pH/3h
The North Resolution 1 mV The North Reference Temp. 1 mV The North Resolution 1 mV The North Resolu	pH Temp. compensation	(0 ~ 100)°C, auto or manual
### 10.1% FS Cond. Measuring range Conductivity: Cond. Resolution Cond. Accuracy Cond. Temp. compensation Cond. Electrode: ±0.5% FS, Meter: ±0.80% FS Cond. Electrode constant Cond. Reference Temp. Cond. Resolution Cond. Resolution Cond. Reference Temp. Cond. Resolution Cond. Electrode constant Cond. Reference Temp. Cond. Reference Temp. Cond. Electrode constant Cond. Reference Temp. Cond. Reference Temp. Cond. Reference Temp. Cond. Electrode constant Cond. Reference Temp. Cond.	mV ORP Measuring range	-1999.9mV ~ 0 ~ 1999.9mV
Cond. Measuring range Cond. Resolution Cond. Resolution Cond. Accuracy Cond. Temp. Compensation Cond. Electrode constant Cond. Reference Temp. Cond. Resolution Cond. Resolution Cond. Reference Temp. Cond. Resolution Cond. Reference Temp. Cond. Resolution Cond. Reference Temp. Cond. Resolution Cond. Resolution Cond. Selectrode constant Cond. Reference Temp. Cond. Reference Temp. Cond. Reference Temp. Cond. Resolution Cond. Resolution Cond. Cond. Condo C	mV ORP Resolution	1 mV
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Electrode: ±0.5% FS, Meter: ±0.80% FS Cond. Temp. compensation (0 ~ 100)°C, auto Cond. Electrode constant Cond. Reference Temp. Cond. Reference Temp. Cond. Reference Temp. (0 ~ 100)°C Temp. Measuring range (0 ~ 100)°C Temp. Resolution O.1°C Temp. Accuracy 5 ~ 60°C: ±0.4°C Others: ±0.8°C Other Display Other Data storage 1000 sets Other Power DC 12V/1A Other Output USB Other Ambient Temp. 5 ~ 40 °C Other Ambient Humidity 485% Other IP grade Other Dimensions/N.W. 215x170x37mm/600g Other Shipping Size/G.W. PH electrode, Cond. electrode (K=1), Temperature probe, pH buffer solution, Power adapter, Manual	Cond. Measuring range	Conductivity:
Cond. Temp. compensation Cond. Electrode constant Cond. Reference Temp. Cond. Reference	Cond. Resolution	0.01/0.1/1µS/cm, 0.01/0.1/1mS/cm
Cond. Electrode constant Cond. Reference Temp. Cond. Reference Tem	Cond. Accuracy	Electrode: ±0.5% FS, Meter: ±0.80% FS
Cond. Reference Temp. Temp. Measuring range (0 ~ 100)°C Temp. Resolution Temp. Accuracy Other Display Other Data storage Other Power Other Output Other Ambient Temp. Other Ambient Humidity Other IP grade Other Dimensions/N.W. Other Dimensions/N.W. Other Shipping Size/G.W. Page 10 0 ~ 100)°C Other Size ±0.8°C Other Ambient Temp. Other Ambient Humidity Control Femp. Other Output Other Output Other Output Other Ambient Humidity Other Size G.W. Other Shipping Size/G.W. PH electrode, Cond. electrode (K=1), Temperature probe, pH buffer solution, Power adapter, Manual	Cond. Temp. compensation	(0 ~ 100)°C, auto
Temp. Measuring range Temp. Resolution Temp. Accuracy Temp. Deference Temp. Temp. Temp. Temp. Temp. Temp. Temp. Temp. Temp. Temp. Temp. Temp. Temp. Temp. Temp. Temp. Temp. Temp. Temperature probe, pH buffer solution, Power adapter, Manual	Cond. Electrode constant	0.1/1/10 cm-1
Temp. Resolution O.1°C Temp. Accuracy 5 ~ 60°C: ±0.4°C Others: ±0.8°C Other Display Other Data storage Other Power Other Output USB Other Ambient Temp. Other Ambient Humidity Other IP grade Other Dimensions/N.W. Other Dimensions/N.W. Other Shipping Size/G.W. Other Shipping Size/G.W. Other Shipping Size/G.W. Other Ambient Power Other Ambient Humidity Other Shipping Size/G.W.	Cond. Reference Temp.	25°C, 20°C, 18°C
Femp. Accuracy There Display There Display There Data storage There Doubles Determined the Display There Ambient Temp. There Determined the Display There	Temp. Measuring range	(0 ~ 100)°C
Other Display Other Data storage Other Power Other Output Other Ambient Temp. Other Ambient Humidity Other IP grade Other Dimensions/N.W. Other Shipping Size/G.W. Other Shipping Size/G.W. Other Shipping Size/G.W. Other LODG Sets Other Dimensions, Power adapter, Manual	Temp. Resolution	0.1°C
Other Data storage Dther Power Dther Output USB Other Ambient Temp. Other Ambient Humidity Other IP grade Other Dimensions/N.W. Other Shipping Size/G.W. Fandard Accessaries Dther Data storage 1000 sets USB USB 1000 Sets USB 1000 Sets 1	Temp. Accuracy	5 ~ 60°C: ±0.4°C Others: ±0.8°C
Other Power Other Output Other Ambient Temp. Other Ambient Humidity Other IP grade Other Dimensions/N.W. Other Shipping Size/G.W. Other Shipping Size/G.W. Pother IP grade Other Shipping Size/G.W.	Other Display	6.5-inch LCD screen
Other Output Other Ambient Temp. Other Ambient Humidity Other IP grade Other Dimensions/N.W. Other Shipping Size/G.W. Standard Accessaries Other Output USB 5 ~ 40 °C 285% IP54 215x170x37mm/600g 470x430x72mm/3kg Description of the proper displayed by the proper displayed by the proper displayed by the properties of the pr	Other Data storage	1000 sets
Other Ambient Temp. Other Ambient Humidity Other IP grade Other Dimensions/N.W. Other Shipping Size/G.W.	Other Power	DC 12V/1A
Other Ambient Humidity Other IP grade Other Dimensions/N.W. Other Shipping Size/G.W. Standard Accessaries P485% IP54 215x170x37mm/600g 470x430x72mm/3kg PH electrode, Cond. electrode (K=1), Temperature probe, pH buffer solution, Power adapter, Manual	Other Output	USB
Other IP grade IP54 Other Dimensions/N.W. Other Shipping Size/G.W. Other Shipping Size/G.W. Finandard Accessaries PH electrode, Cond. electrode (K=1), Temperature probe, pH buffer solution, Power adapter, Manual	Other Ambient Temp.	5 ~ 40 °C
Other Dimensions/N.W. 215x170x37mm/600g 470x430x72mm/3kg 5tandard Accessaries PH electrode, Cond. electrode (K=1), Temperature probe, pH buffer solution, Power adapter, Manual	Other Ambient Humidity	≤85%
Other Shipping Size/G.W. 470x430x72mm/3kg Standard Accessaries pH electrode, Cond. electrode (K=1), Temperature probe, pH buffer solution, Power adapter, Manual	Other IP grade	IP54
Standard Accessaries pH electrode, Cond. electrode (K=1), Temperature probe, pH buffer solution, Power adapter, Manual	Other Dimensions/N.W.	215x170x37mm/600g
	Other Shipping Size/G.W.	470x430x72mm/3kg
Alt Name pH/Conductivity Meter	Standard Accessaries	pH electrode, Cond. electrode (K=1), Temperature probe, pH buffer solution, Power adapter, Manual
	Alt Name	pH/Conductivity Meter

FEATURES

- 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.
- 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.



Biolab Scientific Ltd.