



DO METER

DO METER BFU1BD1

DO METER



1. Large LCD screen with controllable white backlight.
2. Built-in microprocessor chip has Intelligent functions such as auto calibration, ATC, data storage, function settings, auto diagnosis, auto power off, and undervoltage prompt, etc.
3. It has functions of ATC, auto salinity compensation and manual pressure compensation.
4. Polarographic DO electrode, short polarization time (3-5 minutes).

SPECIFICATIONS

Model	BFU1BD1
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, Instrument: ± 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	(66 ~ 200) kPa (manual)
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: ± 0.4 °C Others: ± 0.8 °C
Other Data storage	200 sets
Other Power	AA batteries (1.5V x2)
Other Ambient Temp.	5 ~ 35 °C
Other Ambient humidity	$\leq 85\%$
Other IP grade	IP57 Dustproof and waterproof
Other Dimensions/N.W.	160x90x30mm/360g
Other Shipping size/G.W.	480x300x60mm/1KG
Standard Accessories	DO electrode, Temperature probe, DO filling solution, Manual
Alt Name	DO Meter

DO METER BFU1BJ1

DISSOLVED OXYGEN 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 solution with 2 kinds of options: Europe & USA, and China.
5. Wireless bluetooth printing and real-time data transfer to mobile phone are optional.
6. Smart electrode status display to ensure accurate use.

SPECIFICATIONS

Model	BFU1BJ1
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: ± 0.4 °C Others: ± 0.8 °C
Other Display	6.5-inch LCD screen
Other Data storage	1000 sets
Other Power	12V/1A
Other Output	USB
Other Ambient Temp.	5 ~ 35 °C
Other Ambient Humidity	$\leq 85\%$
Other IP grade	IP54
Other Dimensions/N.W.	215x170x37mm/600g
Other Shipping Size/G.W.	470x430x72mm/3kg
Standard Accessories	DO electrode, Temperature probe, DO filling solution, Power adapter, Manual
Alt Name	Dissolved Oxygen 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 solution with 2 kinds of options: Europe & USA, and China.
5. Wireless bluetooth printing and real-time data transfer to mobile phone 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 USB memory stick and opened with Excel.

DO METER BFU1BE1

PH/DO METER



1. Large LCD screen with controllable white backlight.
2. Built-in microprocessor chip has Intelligent functions such as auto calibration, ATC, data storage, function settings, auto diagnosis, auto power off, and undervoltage prompt, etc.
3. Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point calibration.
4. It has functions of ATC, auto salinity compensation and manual pressure compensation.
5. Polarographic DO electrode, short polarization time (3-5 minutes).

SPECIFICATIONS

Model	BFU1BE1
pH Resolution	0.1/0.01 pH
pH Accuracy	Meter: ± 0.01 pH; Overall: ± 0.02 pH
pH Input impedance	$\geq 1 \times 10^{12} \Omega$
pH Stability	± 0.01 pH/3h
pH Temp. compensation	(0~100) $^{\circ}$ C (Auto/manual)
mV Measuring range	± 1999.9 mV
mV Resolution	1mV
mV Accuracy	$\pm 0.1\%$ 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, Instrument: ± 0.40 mg/L
DO Response time	≤ 30 s (25 $^{\circ}$ C, 90%response)
DO Residual current	≤ 0.1 mg/L
DO Temp. compensation	(0 ~ 45) $^{\circ}$ C (auto)
DO Salinity compensation	(0 ~ 45) ppt (auto)
DO Pressure compensation	(66 ~ 200) kPa (manual)
DO Auto calibration	Air saturated by water, water saturated by air
DO Electrode type	Polarographic
Temp. Measuring range	(0 ~ 100) $^{\circ}$ C
Temp. Resolution	0.1 $^{\circ}$ C
Temp. Accuracy	5 ~ 60 $^{\circ}$ C: $\pm 0.4^{\circ}$ C Others: $\pm 0.8^{\circ}$ C
Other Data storage	200 sets
Other Power	AA batteries (1.5V x2)
Other Ambient Temp.	5 ~ 35 $^{\circ}$ C
Other Ambient humidity	$\leq 85\%$
Other IP grade	IP57 Dustproof and waterproof

Other Dimensions/N.W.	160x90x30mm/360g
Standard Accessories	pH electrode, DO electrode, Temperature probe, pH buffer solution, DO filling solution, Manual
Alt Name	pH/DO Meter

DO METER BFU1BZ1

DO METER



1. 5-inch LCD screen with 150° viewing angle for clear reading out of 5-meter.
2. The 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. Polarographic DO electrode, short polarization time (3-5 minutes).
6. Automatic recognition of different electrodes. The electrode with built-in chip can automatically store and retrieve calibration data after connecting with the meter.
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.

SPECIFICATIONS

Model	BFU1BZ1
Measuring range DO	(0.000 ~ 90)mg/L (ppm)
Measuring range Temp.	(-10 ~ 110)°C
Resolution DO	0.01/0.1
Resolution Temp.	0.1°C
Resolution Saturation	(0.0 ~ 600)%
Resolution Air Pressure	1
Accuracy DO	(0 ~ 100) ppt
Accuracy Temp.	(5 ~ 60)°C: range: ±0.5°C; other range: ±1.0°C
Accuracy Saturation	0.001
Accuracy Air Pressure	±2%
Compensation Temp.	(0 ~ 50)°C , auto
Compensation Salinity	(0.0 ~ 50.0)g/L, manual
Compensation Air Pressure	(80 ~ 105)kPa, manual
Display parameters	Concentration, Saturation, Temperature
DO Saturation	±0.5%
Stability	(±0.07mg/L)/1h
Response Time	≤30s (25°C, 90% response)
Other Display	5-Inch white backlit LCD screen
Other Data storage	200 sets
Other Power	DC 5V/1A
Other Communication connector	Micro USB & Standard USB
Other Dimension/N.W.	180 x 130 x 14mm/280g
Working Condition Ambient Temp.	5 ~ 40°C
Working Condition Ambient Humidity	5 ~ 85%
Working Condition IP Grade	IP54
Standard Accessories	DO electrode, Temperature probe, DO filling solution, Power adapter, Manual

Alt Name	DO Meter
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FEATURES

1. 5-inch LCD screen with 150° viewing angle for clear reading out of 5-meter.
2. The 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. Polarographic DO electrode, short polarization time (3-5 minutes).
6. Automatic recognition of different electrodes. The electrode with built-in chip can automatically store and retrieve calibration data after connecting with the meter.
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.

DO METER BFU1BR1

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. It has functions of ATC, auto salinity compensation and auto pressure compensation.
4. Polarographic DO electrode, short polarization time (3-5 minutes).
5. It supports PC connection. Wireless bluetooth printing and real-time data transfer to mobile phones are optional.
6. Can store 1000 sets of test data, which can be saved and transferred to USB m

SPECIFICATIONS

Model	BFU1BR1
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: ± 0.4 °C Others: ± 0.8 °C
Others Display	7-inch colored capacitive touch screen
Others Data storage	1000 sets
Others Power	12V/1A
Others Output	USB
Other 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	DO electrode, Temperature probe, DO filling solution, Power adapter, Manual
Alt Name	DO Meter

FEATURES

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. It has functions of ATC, auto salinity compensation and auto pressure compensation.
4. Polarographic DO electrode, short polarization time (3-5 minutes).
5. It supports PC connection. Wireless bluetooth printing and real-time data transfer to mobile phones are optional.
6. 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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