



CONDUCTIVITY METER BFU-3701

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CONDUCTIVITY/DO 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 8 conductivity standard solutions with 2 kinds of options: Europe & USA, 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. Wireless bluetooth printing and real-time data transfer to mobile phones are optional.

SPECIFICATIONS

Model	BFU-3701
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 range	(0 ~ 50) $^{\circ}$ C, auto
Cond. Electrode constant	0.1/0.5/1/5/10/50/100 cm-1
Cond. Reference Temp	25 $^{\circ}$ C, 20 $^{\circ}$ C, 18 $^{\circ}$ 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 $^{\circ}$ 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	(80 ~ 105) kPa, auto
DO Auto calibration	Air saturated by water, water saturated by air
DO Electrode type	Polarographic
Temp. Range	(-10 ~ 110) $^{\circ}$ 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 Display	6.5-inch LCD screen
Other Data storage	1000 sets
Other Power	12V/1A
Other Output	USB
Other Ambient Temp.	5 ~ 35 $^{\circ}$ 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	Cond. electrode (K=1), DO electrode, Temperature probe, DO filling solution, Power adapter, Manual
Alt Name	Conductivity/DO Meter

FEATURES

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3. Auto recognition of 8 conductivity standard solutions with 2 kinds of options: Europe & USA, 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. 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 a USB memory stick and opened with Excel.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com