



CONDUCTIVITY METER BFU-4501

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CONDUCTIVITY/DO METER



1. 7-inch colored capacitive touch screen with high resolution (1024*600) and high sensitivity.
 2. Built-in microprocessor chips have 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).
- It supports PC connection. Wireless bluetooth printing and real-time data transfer to mobile phones are optional.

SPECIFICATIONS

Model	BFU-4501
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 calibrationc	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
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 $^{\circ}$ C
Others Ambient Humidity	$\leq 85\%$
Others IP grade	IP54
Others Dimensions/N.w.	215x170x37mm/600g
Others 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).
- It supports PC connection. Wireless bluetooth printing and real-time data transfer to mobile phones are optional.
 - Smart electrode status display to ensure accurate use.
 - 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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