



CONDUCTIVITY METER BFU-3101

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CONDUCTIVITY/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 8 conductivity standard solutions with 2 kinds of options: Europe & USA, and China.
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	BFU-3101
Cond. Measuring rang	Conductivity:
Cond. Resolution	0.01/0.1/1 μ S/cm; 0.01/0.1 mS/cm
Cond. Accuracy	$\pm 1.0\%$ FS, Overall: $\pm 1.5\%$ FS
Temp. compensation	(0~100) $^{\circ}$ C(Auto/manual)
Electrode constant	0.1 / 1 / 10 cm ⁻¹
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
Other Shipping size/G.W.	480x300x60mm/1KG
Standard Accessories	Cond. electrode (K=1), DO electrode, Temperature probe, DO filling solution, Manual
Alt Name	Conductivity/DO Meter



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