



DO METER BFU-3001

DO METER BFU-3001

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	BFU-3001
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



Biolab Scientific Ltd.

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