

BEP - M300F: pH Electrode, Conductivity Cell (K=1), DO Probe, ATC Probe, Electrode Holder, pH Buffer Powders (4.01, 7.00, 10.01).



ITEM	FEATURES DESCRIPTION
1	LCD display screen.
2	Multi-reading feature allows auto-read, timed-read and continuous-read.
3	Automatic/Manual temperature compensation ensures accurate results.
4	Auto-hold feature senses and locks the measurement endpoint.
5	Over 20 Settable parameters, including the number of calibration points, stability criteria temperature unit, etc.
6	Data capacity of up to 500 sets (GLP-compliant).
7	Data can be transferred to PC or printer by USB or RS-232 communication interfaces.
pH	
1	1-3 points calibration with auto-buffer recognition.
2	Selectable pH buffer groups, including NIST, DIN, GB.
3	Automatic electrode diagnosis with pH slope and offset display.
ION	
1	1-5 points calibration.
2	Selectable measurement unit, including µg/L, mg/L, g/L, mmol/L, PX, etc.
3	Multi-measurement modes are supported, including Direct Reading mode, Standard Addition mode, Sample Addition mode and GRAN mode.
4	Over 10 methods are built-in, including F-, Cl-, Br-, I-, NO3-, BF4-, NH4+, K+, Na+, Ca2+, Cu2+, Pb2+, Ag+ and etc.; user-defined method is supported.
CONDUCTIVITY	
1	1-3 points calibration automatically recognizes the standard solutions.
2	Settable parameters, including cell constant, temperature compensation coefficient and TDS factor.
DO	
1	1 or 2 points calibration using the air-saturated water or zero oxygen solution.
2	Manual barometric pressure compensation.

FEATURE	TECHNICAL SPECIFICATION	
	DESCRIPTION	CAPACITY
pH	RANGE	(-2.00~20.00)pH
	RESOLUTION	0.01pH
	ACCURACY	0.01pH
mV	RANGE	(-1999.9-1999.9)mV
	RESOLUTION	0.1 mv
	ACCURACY	±0.1%FS
pX	RANGE	(-2.00~20.00)pX
	RESOLUTION	0.01 pX
	ACCURACY	0.01 pX
ION CONCENTRATION	RANGE	(0~19990)Unit: mol/L, mmol/L, g/L, mg/L, µg/L
	RESOLUTION	4-digit Significant Number
	ACCURACY	±0.5%
CONDUCTIVITY	RANGE	0.000µS/cm~199.9 mS/cm
	RESOLUTION	0.001µS/cm
	ACCURACY	±1.0% (FS)
RESISTIVITY	RANGE	5.000Ω.cm~20.00MΩ.cm
	RESOLUTION	0.01Ω.cm
	ACCURACY	±1.0% (FS)
TDS	RANGE	0.000 mg/L~100g/L
	RESOLUTION	0.001mg/L
	ACCURACY	±1.0% (FS)
SALINITY	RANGE	(0.00~8.00)%
	RESOLUTION	0.01%
	ACCURACY	±0.2%
DO	RANGE	(0.00~19.99)mg/L
	RESOLUTION	0.01mg/L
	ACCURACY	±0.10mg/L
DO SATURATION	RANGE	(0.0~199.9)%
	RESOLUTION	0.1%
	ACCURACY	±2.0% °C
DO	RANGE	(-5.0~105.0)
	RESOLUTION	0.1 °C
	ACCURACY	±0.2
GENERAL	POWER SUPPLY	100-240V, 50/60Hz
	DIMENSION (mm)	280 x 215 x 93

