

Infitek

DISSOLVED OXYGEN METERS



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VERSION.26

Dissolved Oxygen Meter, Benchtop

DO-B500T



LCD display screen



Easy to operate

Selling point

- Intelligent operation system
- IP54 waterproof
- Automatic/Manual temperature compensation
- Support for air-saturated water or zero oxygen calibration

Description

- The dissolved oxygen meter has automatic temperature compensation function, as well as air pressure and salinity compensation functions, which are suitable for various fields.

Features

- 7.0-inch color high contrast LCD touch screen.
- Intelligent operation system provides features including user management, calibration management, method management, data management and etc.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Data Storage 1000 sets for each parameter (GLP-compliant).
- Data analysis feature helps user review, compare and recalculate results.
- Support for USB and RS-232 communication.
- Reset feature automatically resumes all settings back to factory default options.
- IP54 waterproof.
- Support for air-saturated water or zero oxygen calibration.
- Auto barometric pressure compensation.
- Manual salinity factor correction.
- Selectable pressure unit, including kPa, mbar, Torr, Atm.



- DO-B500T DO Meter 1 Set**
- DO-958-Q Polarographic DO electrode 1 Piece
 - REX-6 electrode stand 1 Set
 - GC65-240270-F Power adapter DC24V 1 Piece
 - Dust cover (Touch screen version) 1 Piece
 - European standard power cord(3VTJ2) 1 Piece
 - Universal USB cable 1 Piece
 - Touch pen (Capacitive screen) 1 Piece
 - Operation quick guide 1 Piece
 - Instruction manual 1 Piece

Specifications

Model		DO-B500T
Parameters		DO/Temp(DO Saturation).
Dissolved Oxygen Concentration	Sensor Type	Polarographic
	Range	0.00 to 99.99 ppm
	Resolution	0.01ppm
	Accuracy	±0.10ppm, 0.00~50.00ppm / ±0.50ppm, 50.0~99.99ppm
	Calibration Reminder	Yes
	Calibration Points	Air-saturated water or zero point
	Barometric Compensation	Yes
DO Saturation	Manual Salinity Factor Correction	Yes
	Range	(0.0 to 600)%
	Resolution	0.10%
Temperature	Accuracy	±2.0%
	Range	-10 to 135 °C, 14 to 275 °F
	Unit	°C, °F
	Resolution	0.1
Measurement	Accuracy	±0.1
	Reading Mode	Auto-Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
Data management	Temp. Compensation	ATC, MTC
	Data Storage	1000 Groups
	GLP Features	Yes
Inputs	Log Management	Yes
Outputs	DO with Temp. Probe	4-pin aviation connector
	USB	USB 2.0 flash memory device, PC
Display options	RS 232	printer, scanner, auto-sampler
	Backlight	Yes
	Auto Shutdown	1~60 min, off
	IP Rating	IP54
General	Date and Time	Yes
	Electricity	AC Adapter, 100-240V AC input, DC24V output
	Dimensions	220 x 195 x 68 mm
	Weight	950g

Dissolved Oxygen Meter, Benchtop

DO-B400F



Selling point

- Auto barometric pressure compensation
- Manual salinity factor correction
- Selectable pressure unit
- IP54 waterproof

Description

The dissolved oxygen meter has automatic temperature compensation function, as well as air pressure and salinity compensation functions, which are suitable for various fields.

Features

- 5.7-inch high resolution LCD display
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data Storage 500 sets (GLP-compliant).
- Support for USB and RS-232 communication.
- Reset feature automatically resumes all settings back to factory default options.
- IP54 waterproof.
- Support for air-saturated water or zero oxygen calibration.
- Auto barometric pressure compensation
- Manual salinity factor correction
- Selectable pressure unit, including kPa, mbar, Torr, Atm.

DO-B400F DO Meter 1 Set

- DO-958-Q Polarographic DO electrode 1 Piece
- REX-5 electrode stand 1 Set
- Power adapter DC 9V(European plug model, QD24-0902000-A1) 1 Piece
- Universal USB cable 1 Piece
- Dust cover (Key function version) 1 Piece
- Operation quick guide 1 Piece
- Instruction manual 1 Piece

Specifications

Model		DO-B400F
Parameters		DO/Temp(DO Saturation).
Dissolved Oxygen Concentration	Sensor Type	Polarographic
	Range	0.00 to 99.99 ppm
	Resolution	0.01ppm
	Accuracy	±0.10ppm, 0.00~50.00ppm ±0.50ppm, 50.0~99.99ppm
	Calibration Points	Air-saturated water or zero point
	Barometric Compensation	Yes
	Manual Salinity Factor Correction	Yes
DO Saturation	Range	(0.0 to 600.0)%
	Resolution	0.1%
	Accuracy	±2.0%
Temperature	Range	-10 to 135 °C, 14 to 275 °F
	Unit	°C, °F
	Resolution	0.1
	Accuracy	±0.1
Measurement	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data manage-ment	Data Storage	500 results each
	GLP Features	Yes
Inputs	DO with Temp. Probe	4-pin aviation connector
Outputs	USB	USB 2.0 flash memory device, PC
	RS 232	printer
Display options	Backlight	Yes
	Auto Shutdown	1~60 min, off
	IP Rating	IP54
	Date and Time	Yes
General	Electricity	AC Adapter, 100-240V AC input, DC9V output
	Dimensions	242×195× 68 mm
	Weight	900g

Dissolved Oxygen Meter, Portable

DO-P210E

Selling point

-  IP65 waterproof
-  Auto-read and continuous-read
-  Auto-power off feature
-  Manual barometric pressure compensation

Features

- 5-inch LCD display screen.
- Multi-reading feature allows auto-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data capacity of up to 200 sets for each parameter.
- Auto-power off feature effectively extends the battery service life.
- Reset feature automatically resumes all settings back to factory default options.
- IP65 waterproof.
- Support for air-saturated water or zero oxygen calibration
- Manual barometric pressure compensation.
- Manual Salinity Factor Correction.



LCD display screen



Easy to operate



- DO-P210E DO Meter 1 Set**
- DO-957-Q DO electrode 1 Piece
 - Power adapter DC 5V 2A(European plug model, GAT-0502000) 1 Piece
 - Electrode holder 2 Pieces
 - MicroUSB cable 1 Piece
 - Silicone rubber case (Installed on the host) 1 Piece
 - Wristband assembly(Small) 1 Piece
 - Operation quick guide 1 Piece
 - Instruction manual 1 Piece

Specifications

Model		DO-P210E
Parameters		DO/Temp(DO Saturation).
Dissolved Oxygen Concentration	Sensor Type	Polarographic
	Range	0.00 to 20.00 mg/L
	Resolution	0.01mg/L
	Accuracy	±0.3mg/L
	Calibration Points	Air-saturated water or zero point
	Barometric Compensation	Yes
DO Saturation	Manual Salinity Factor Correction	Yes
	Range	(0.0 to 200.0)%
	Resolution	0.1%
Temperature	Accuracy	±2.0%
	Range	-5 to 110 °C, 23 to 230 °F
	Unit	°C, °F
	Resolution	0.1
Measurement	Relative Accuracy	±0.2
	Reading Mode	Auto Read, Continuous
	Reading Prompts	Reading, Stable, Locked
Data management	Temp. Compensation	ATC, MTC
Inputs	Data Storage	200 results each
Display options	DO with Temp. Probe	4-pin aviation connector
	Backlight	Yes
	Auto Shutdown	300, 600, 1200, 1800, 3600 sec., off
General	IP Rating	IP65
	Electricity	Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output
	Dimensions	80 x 255 x 35 mm
	Weight	400g

Description

The dissolved oxygen meter has automatic temperature compensation function, as well as air pressure and salinity compensation functions, which are suitable for various fields.

Dissolved Oxygen Meter, Portable

DO-P510T



Selling point

- 4.3-inch LCD touch screen
- Intelligent operation system
- IP65 waterproof
- Auto barometric pressure compensation



- DO-P510T DO Meter 1 Set**
- DO-958-Q Polarographic DO electrode 1 Piece
 - Power adapter DC 5V 2A(European plug model, GAT-0502000) 1 Piece
 - Electrode holder 2 Pieces
 - MicroUSB cable 1 Piece
 - OTG adapter cable (MicroUSB connector) 1 Piece
 - Touch pen (Capacitive screen) 1 Piece
 - Silicone rubber case (Installed on the host) 1 Piece
 - Wristband assembly(Large) 1 Piece
 - Carrying case 1 Piece
 - Operation quick guide 1 Piece
 - Instruction manual 1 Piece



Features

- 4.3-inch color high contrast LCD touch screen.
- Intelligent operation system provides features including user management, calibration management, electrode management, method management, data management, Log Management and etc.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data Storage 1000 sets for each parameter (GLP-compliant).
- Data analysis feature helps user review, compare and recalculate results.
- Support for USB communication.
- Auto-power off feature effectively extends the battery service life.
- Reset feature automatically resumes all settings back to factory default options.
- IP65 waterproof.
- Support for air-saturated water or zero oxygen calibration.
- Auto barometric pressure compensation
- Manual salinity factor correction
- Selectable pressure unit, including kPa, mbar, Torr, Atm.

Specifications

Model		DO-P510T
Parameters		DO/Temp(DO Saturation).
Dissolved Oxygen Concentration	Sensor Type	Polarographic
	Range	0.00 to 99.99 ppm
	Resolution	0.01ppm
	Accuracy	±0.10ppm, 0.00~50.00ppm ±0.50ppm, 50.0~99.99ppm
	Calibration Reminder	Yes
	Calibration Points	Air-saturated water or zero point
	Barometric Compensation	Yes
DO Saturation	Manual Salinity Factor Correction	Yes
	Range	(0.0 to 600.0)%
	Resolution	0.10%
	Accuracy	±2.0%
Temperature	Range	-10 to 135 °C, 14 to 275 °F
	Unit	°C, °F
	Resolution	0.1
	Relative Accuracy	±0.1
Measurement	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	1000 Groups
	GLP Features	Yes
Outputs	DO with Temp. Probe	4-pin aviation connector
	USB	USB 2.0 flash memory device, PC, scanner
Display options	Backlight	Yes
	Auto Shutdown	300, 600, 1200, 1800, 3600 sec., off
	IP Rating	IP65
	Date and Time	Yes
General	Electricity	Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output
	Dimensions	W90×D255×H40 mm
	Package Dimension (W*D*H)(mm)	W420×D350×H190 mm
	G.W.(kg)/N.W.(kg)	3.5kg/0.5kg

Description

The dissolved oxygen meter has automatic temperature compensation function, as well as air pressure and salinity compensation functions, which are suitable for various fields.

Dissolved Oxygen Meter, Portable

DO-P511T

Selling point

- Support for USB communication
- Data analysis feature
- IP65 waterproof
- Auto barometric pressure compensation



LCD display screen



Easy to operate

Features

- 3-inch color high contrast LCD touch screen.
- Intelligent operation system provides features including user management, calibration management, electrode management, method management, data management, Log Management and etc.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data Storage 1000 sets for each parameter (GLP-compliant).
- Data analysis feature helps user review, compare and recalculate results.
- Support for USB communication.
- Auto-power off feature effectively extends the battery service life.
- Reset feature automatically resumes all settings back to factory default options.
- IP65 waterproof.
- Support for air-saturated water or zero oxygen calibration.
- Auto barometric pressure compensation
- Manual salinity factor correction
- Selectable pressure unit, including kPa, mbar, Torr, Atm.



DO-P511T DO Meter 1 Set

- DO-968-HC Optical DO electrode 1 Piece

Power adapter DC 5V 2A(European plug model, GAT-0502000) 1 Piece

Mini USB communication cable 1 Piece

OTG USB adapter cable 1 Piece
- Touch pen 1 Piece

Zero oxygen calibration liquid powder(Small bottle) 1 Bottle

Carrying case 1 Piece

Instruction manual 1 Piece

Specifications

Model		DO-P511T
Parameters		DO/Temp(DO Saturation)
Dissolved Oxygen Concentration	Sensor Type	Optical
	Range	0.00 to 20.00 ppm
	Resolution	0.01ppm
	Accuracy	±0.3ppm
	Calibration Points	Air-saturated water or zero point
	Barometric Compensation	Yes
DO Saturation	Manual Salinity Factor Correction	Yes
	Range	(0.0 to 200.0)%
	Resolution	0.10%
	Accuracy	±10.0%
Temperature	Range	0 to 50 °C
	Unit	°C
	Resolution	0.1
	Relative Accuracy	±0.2
Measurement	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	1000 Groups
	GLP Features	Yes
Inputs	DO with Temp. Probe	6-pin aviation connector
Outputs	USB	USB 2.0 flash memory device, PC, scanner
Display options	Backlight	Yes
	Auto Shutdown	300, 600, 1200, 1800, 3600 sec., off
	IP Rating	IP65
	Date and Time	Yes
General	Electricity	Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output
	Dimensions	96×201×55 mm
	Weight	300g

Description

The dissolved oxygen meter has automatic temperature compensation function, as well as air pressure and salinity compensation functions, which are suitable for various fields.

Dissolved Oxygen Meter, Portable

DO-P310F

Selling point

- Multi-reading feature
- Auto-power off feature
- Support for USB communication
- Auto barometric pressure compensation

Description

The dissolved oxygen meter has automatic temperature compensation function, as well as air pressure and salinity compensation functions, which are suitable for various fields.



Features

- 5-inch LCD display screen.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data capacity of up to 500 sets for each parameter (GLP-compliant).
- Support for USB communication.
- Auto-power off feature effectively extends the battery service life.
- Reset feature automatically resumes all settings back to factory default options.
- IP65 waterproof.
- Support for air-saturated water or zero oxygen calibration.
- Auto barometric pressure compensation.
- Manual salinity factor correction.
- Selectable pressure unit, including kPa, mbar, Torr, Atm.



- DO-P310F DO Meter 1 Set**
- DO-958-Q Polarographic DO electrode 1 Piece
 - Power adapter DC 5V 2A(European plug model, GAT-0502000) 1 Piece
 - Electrode holder 2 Pieces
 - MicroUSB cable 1 Piece
 - MicroUSB to DB25 printing cable 1 Piece
 - Silicone rubber case (Installed on the host) 1 Piece
 - Carrying case 1 Piece
 - Wristband assembly(Small) 1 Piece
 - Operation quick guide 1 Piece
 - Instruction manual 1 Piece

Specifications

Model		DO-P310F
Parameters		DO/Temp(DO Saturation).
Dissolved Oxygen Concentration	Sensor Type	Polarographic
	Range	0.00 to 50.00 ppm
	Resolution	0.01ppm
	Accuracy	±0.1ppm
	Calibration Points	Air-saturated water or zero point
	Barometric Compensation	Yes
	Manual Salinity Factor Correction	Yes
DO Saturation	Range	(0.0 to 300.0)%
	Resolution	0.10%
	Accuracy	±2.0%
Temperature	Range	-5 to 110 °C, 23 to 230 °F
	Unit	°C, °F
	Resolution	0.1
	Relative Accuracy	±0.2
Measurement	Reading Mode	Auto-Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	1000 Groups
	GLP Features	Yes
Inputs	DO with Temp. Probe	4-pin aviation connector
Outputs	USB	PC, printer
Display options	Backlight	Yes
	Auto Shutdown	300, 600, 1200, 1800, 3600sec., off
	IP Rating	IP65
	Date and Time	Yes
General	Electricity	Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output
	Dimensions	80× 255 × 35 mm
	Weight	400g

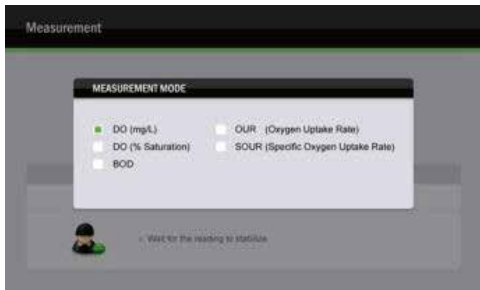
Dissolved oxygen Meter, Benchtop

BEP-M181



Measurement Parameters

BEP-M181: Dissolved oxygen.



Features

- 

1 or 2 points calibration using the air-saturated water or zero oxygen solution.
- 

Salinity and barometric pressure compensations eliminate the measurement error.
- 

Selectable testing time, beginning/ending DO are used for the OUR/SOUR calculations.
- 

Auto-Read function senses and locks the measurement endpoint.
- 

Timed Interval Readings send the measurement data to a PC or printer.
- 

Limit Alarm automatically alerts when reading exceeds the specified range.

- 

Calibration due alarm prompts the user to calibrate the meter regularly.
- 

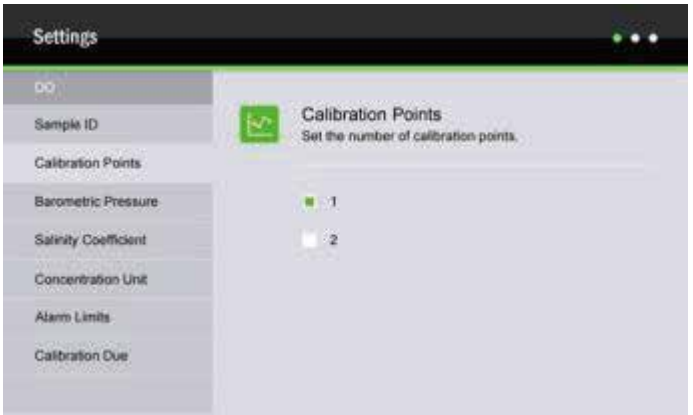
Password protection prevents the unauthorized calibration and settings.
- 

Expanded memory stores or recalls up to 1000 data sets.
- 

Reset function automatically resumes all settings back to the factory defaults.

Ordering Information

BEP-M181: Meter, DO100 dissolved oxygen electrode, electrolyte solution, membrane cap, electrode holder and power adapter.



Specifications

Model			BEP-M181
DO	Range	0.00~20.00mg/L, 0.0~200.0% saturation	•
	Resolution	001mg/L, 0.1%	•
	Accuracy	±0.2mg/L, ±2.0%	•
Other Specifications	Calibration Points	1 or 2 points	•
	Temperature Compensation	0~50°C/32~122°F, automatic	•
	Barometric Pressure Correction	60.0~113.3kPa/450~850mmHg, manual	•
	Salinity Correction	0.0~50.0g/L, manual	•
	BOD/OU/SOUR Measurement	For model A180 only	–
	Stability Criteria	Standard or high-accuracy	•
	Calibration Due Alarm	1 to 31 days or off	•
	Interval Readings	10, 30, 60 seconds, 10, 30 minutes or off	•
	Memory	1000 data sets	•
	Communication Interface	USB	•
	Connector	6pin mini-DIN	•
	Display	7 inches TFT LCD	•
	Power Requirements	DC12V power adapter	•
	Dimensions	240(L)× 220 (W)× 80(H)mm	•
	Weight	1.7kg	•

Dissolved oxygen Meter, Benchtop

BEP-M810 BEP-M980

Features

BEP-M810 Features

1 or 2 points calibration using the air-saturated water or zero oxygen solution.
Salinity and barometric pressure compensations eliminate the measurement error.
Automatic temperature compensation ensures accurate readings over the entire range.
Auto-Read function senses and locks the measurement endpoint.
Setup menu allows to set the number of calibration points, concentration unit, temperature unit, etc.
Reset function automatically resumes all settings back to the factory defaults.

Ordering Information

BEP-M810: Meter, DO100 dissolved oxygen electrode, electrolyte solution, membrane cap, electrode holder and power adapter.



BEP-M980 Features

1 or 2 points calibration using the air-saturated water or zero oxygen solution.
Salinity and barometric pressure compensations eliminate the measurement error.
Automatic temperature compensation ensures accurate readings over the entire range.
Auto-Read function senses and locks the measurement endpoint.
Calibration due alarm prompts user to calibrate the meter regularly.
Setup menu allows to set the number of calibration points, resolution, stability criteria, temperature unit, concentration unit, date and time, etc.
Reset function automatically resumes all settings back to the factory defaults.
Expanded memory stores or recalls up to 500 data sets.
USB communication interface for data transfer and timed interval readings.



Ordering Information

BEP-M980 Meter, DO100 dissolved oxygen electrode, electrolyte solution, membrane cap, electrode holder, USB cable and power adapter.

Specifications

Model		BEP-M810	BEP-M980
DO	Range	0.0-20.0mg/L or ppm	0.00-20.00mg/L or ppm
	Resolution	0.1mg/L	0.01,0.1mgL, selectable
	Accuracy	±0.5mg/L	±0.2mg/L
% saturation	Range	0.0~200.0%	0.0~200.0%
	Resolution	0.001	0.1,1%, selectable
	Accuracy	±2.0%	±2.0%
Temperature	Range	0~60°C/32~140°F	0~60°C/32~140°F
	Resolution	0.1°C/0.1°F	0.1°C/0.1°F
	Accuracy	±1°C/±1.8°F	±0.5°C/±0.9°F
	Offset Calibration	1 point,reading ±10 °C	1 point, reading ±10 °C
Other Specifications	Dissolved Oxygen Calibration	1 or 2 points	1 or 2 points
	Temperature Compensation	0~40°C, automatic	0~50°C, automatic
	Barometric Pressure Correction	60.0~112.5kPa/450~850mmHg, manual	60.0~112.5kPa/450~850mmHg, manual
	Salinity Correction	0.0-35.0g/L, manual	0.0-50.0g/L,manual
	Stability Criteria	-	Low or high
	Calibration Due Alarm	-	1 to 31 days or off
	Hold Function	Manual or auto-endpoint	Manual or auto-endpoint
	Memory	-	500 data sets
	Communication Interface	-	USB
	Connector	6-pin nimi-DIN	6-pin nimi-DIN
	Display	Custom LCD(120×60mm)	Custom LCD (125×100mm)
	Power Requirements	DC9V power adapter	DC5V power adapter
	Dimensions	210(L)×205(W)×75(H)mm	210(L)×188(W)×60(H)mm
	Weight	1.5kg	1.5kg
	Package Dimension (W*D*H)(mm)/G.W.(kg)	320*260*200 / 2	

Dissolved Oxygen Meter, Portable

BEP-M821



Measurement Parameters

Accuracy: $\pm 0.5\text{mg/L}, \pm 20\%, \pm 0.2\text{mg/L}, \pm 2.0\%$
USB communication interface
1-2 points calibration
Selectable the salinity and barometric pressure coefficients



Features

- 1 or 2 points calibration using the air-saturated water or zero oxygen solution.
- Automatic temperature compensation ensures accurate readings over the entire range.
- Auto-Power Off effectively conserves battery life.
- Salinity and barometric pressure compensations eliminate the measurement error.
- Auto-Read function senses and locks the measurement endpoint.
- Setup menu allows setting the number of calibration points, resolution, temperature unit, concentration unit, stability criteria, date and time, etc.

- Reset function automatically resumes all settings back to the factory defaults.
- Expanded memory stores or recalls up to 500 data sets.
- USB communication interface for data transfer or connecting a power adapter to meter.

Ordering Information

BEP-M821: Meter, DO100 dissolved oxygen electrode, electrolyte solution, membrane cap and carrying case.

Specifications

Model		BEP-M821
DO	Range	0.00~20.00mg/L, 0.0~200.0% saturation
	Resolution	0.01mg/L, 0.1%
	Accuracy	$\pm 0.2\text{mg/L}, \pm 2.0\%$
Other Specifications	Calibration Points	1 or 2 points
	Temperature Compensation	0~50°C/32~122°F, automatic
	Barometric Pressure Correction	60.0~112.5kPa/450~850mmHg, manual
	Salinity Correction	0.0~50.0g/L, manual
	Stability Criteria	Low or high
	Calibration Due Alarm	1 to 31 days or off
	Hold Function	Manual or auto-endpoint
	Auto-Off	10,20 or 30 minutes after the last key is pressed
	Memory	500 data sets
	Communication Interface	USB
	Connector	6-pin mini-DIN
	Display	Custom LCD (80×60mm)
	Power Requirements	3× 1.5V AA batteries or DC5V power adapter
	Dimensions	170(L)×85(W)×30(H)mm
	Weight	300g

Dissolved Oxygen Tester, Pocket

DO-P10



Description

1 or 2 points calibration
Setup menu contains 6 options
Accuracy: ±0.5mg/L



Ordering Information

DO-P10: Tester, DO100 dissolved oxygen electrode, electrolyte solution, membrane cap and carrying case.

Features



Pornographic dissolved oxygen electrode is economy and easy to use



1 or 2 points calibration using the air-saturated water or zero oxygen solution



Salinity and barometric pressure compensations eliminate the measurement error



Automatic temperature compensation ensures accurate readings over the entire range



Auto-Read function senses and locks the measurement endpoint



Auto-Power Off effectively conserves battery life



Setup menu allows setting the number of calibration points, concentration unit, temperature unit, etc.



Reset function automatically resumes all settings back to the factory defaults

Specifications

	Model	DO-P10
DO	Range	0.0~20.0mgfLor ppm
	Resolution	0.1mg/L
	Accuracy	±0.5mg/L
% saturation	Range	0.0~200.0%
	Resolution	0.001
	Accuracy	±2.0%
Other Specifications	Calibration Points	1or2 points
	Temperature Compensation	0~40°C/32~104°F, automatic
	Barometric Pressure Correction	450~850mmHg, manual
	Salinity Correction	0~35g/L, manual
	Hold Function	Manual or auto-endpoint
	Auto-Off	8 minutes after last key pressed
	Operating Temperature	0~50 C
	Display	Dual-line LCD (21× 21mm)
	Power Requirements	2×1.5V AAA batteries
	Battery Life	Approximately 200 hours of continuous use
	Dimensions	175(L)×40(Dia.)mm
	Package Dimension (W*D*H)(mm)	295(W)×245(D×95(H)mm
	N.W./G.W.(kg)	0.1kg/1.1kg

Dissolved Oxygen Tester, Bluetooth

DO-BT60



Description

Multiparameter wireless bluetooth dissolved oxygen meter, suitable for Android smartphone or tablet.



General Features



- Automatic temperature compensation ensures accurate readings over the entire range.
- Auto-Read function senses and locks the measurement endpoint.
- Timed Interval Readings sends the measurement data to memory or printer.
- Limit Alarm automatically alerts when reading exceeds the specified range.
- Calibration due alarm prompts user to calibrate the tester regularly.
- Password protection prevents the unauthorized calibration and settings.
- Multiparameter measurement allows up to 3 testers to connected to device and displays the measured values.
- Reset function automatically resumes all settings back to the factory defaults.

DO-BT60 Dissolved Oxygen Tester

- 1 or 2 points calibration using the air-saturated water or zero oxygen solution.
- Salinity and barometric pressure compensations eliminate the measurement error.
- Selectable testing time, beginning/ending DO are used for OUR/SOUR calculations.



Ordering Information

DO-BT60: Tester,DO100 dissolved oxygen electrode,electrolyte solution,membrane cap and carrying case.

Specifications

	Model	DO-BT60
Dissolved Oxygen	Range	0.00-20.00mg/L,0.0-200.0% saturation
	Resolution	0.01mg/L,0.1%
	Accuracy	±0.2mg/L,±2.0%
	Calibration Points	1 or 2 points
	Temperature Compensation	0-50°C/32-122°F,automatic
	Barometric Pressure Correction	60.0-113.3kPa/450-850mmHg. manual
	Salinity Correction	0.0-50.0g/L, manual
	Measurement Modes	Dissolved oxygen,BOD,oxygen uptake rate, specific oxygen uptake rate
General Specifications	series testers	
	Stability Criteria	Fast, standard,slow
	Measurement Modes	Continuous or auto-read
	Timed Interval Readings	10,30,60,300 seconds or off
	Calibration Due Alarm	1 to 99 days or off
	Data Transfer	Send to memory or printer
	Power Requirements	2×1.2V lithium batteries or AAA batteries

Industrial Dissolved Oxygen Controller

DO-OL680



Ordering Information

DO-OL680: Controller, IE-80T industrial dissolved oxygen electrode, electrolyte solution and membrane cap.

Specifications

	Model	DO-OL680
DO	Range	0.0~20.0mg/L
	Resolution	0.1mg/L
	Accuracy	±0.5mg/L
% Saturation	Range	0.0~200.0%
	Resolution	0.1%
	Accuracy	±2.0%
Temperature	Range	0~60°C/32~140°F
	Resolution	0.1°C/0.1°F
	Accuracy	±1°C/±1.8°F
	Offset Calibration	1 point, reading ±10°C
Communication	Signal Output	4~20mA
	Load	Max. 500Ω
	Low or High Alarm	0.00~20.00mg/L, selectable
	Communication Interface	RS485
Other Specifications	Connection Terminals	Detachable screw terminals
	Dissolved Oxygen Calibration	1 or 2 points
	Temperature Compensation	0~40°C, automatic
	Barometric Pressure Correction	60.0~112.5kPa/450~850mmHg, manual
	Salinity Correction	0.0~35.0g/L, manual
	Power Requirements	DC24V
	Dimensions	96(L)× 96 (W)×75(H)mm
	Weight	350g

Features



1 or 2 points calibration using the air-saturated water or zero oxygen solution.



Salinity and barometric pressure compensations eliminate the measurement error.



Automatic temperature compensation ensures accurate readings over the entire range.



Setup menu allows setting the number of calibration points, measurement unit, alarm limits, hysteresis value, 4 to 20mA output, etc.



Reset function automatically resumes all settings back to the factory defaults.

Electrodes

Electrodes

Model	Name	Type	Measurement Range	Sensor Material	Working Temp.	Dimension	Connector	Applicable Model
DO-957-Q	Polarographic DO electrode	DO&Temp.	0.0 ~ 20 mg/L	ABS	5~40℃	Φ12*120 mm	4-pin aviation	DO-P210E
DO-958-Q	Polarographic DO electrode	DO&Temp.	0.00 ~ 50.00 mg/L	ABS	5~40℃	Φ12*120 mm	4-pin aviation	DO-B400F DO-B500T DO-P310F DO-P510T
DO-968-HC	Optical DO electrode	DO&Temp.	0.00 ~ 20.00 mg/L	POM&Stainless steel	0~50℃	Φ16*150 mm	6-pin aviation	DO-P511T

Applicable Model:
DO-P210E/DO-B400F/DO-B500T/DO-P310F/DO-P510T/DO-P511T

Electrodes

Model	Sensor Type	Range	Response Time	Working Temp.	Minimum Sample Flow	Cable Length	Connector	Dimensions
DO100	Polarographic DO&Temp.	0~20 mg/L	95% of final reading in 30 seconds, 98% in 45 seconds	0~50℃	20cm per second	3 m	6-pin mini-DIN	150(L)× 12 (Ø)mm
IE-80T	Polarographic DO&Temp. Industrial Dissolved Oxygen Electrode	0~20 mg/L	95% of final reading in 30 seconds, 98% in 45 seconds	0~50℃	20cm per second	6 m	-	150(L)× 29.5 (Ø)mm

Applicable Model:
BEP-M810/BEP-M980/BEP-M181/BEP-M821/DO-P10(DO100); DO-OL680(IE-80T)

