

## Benchtop Dissolved Oxygen Meter



PH-810

PH-980

### 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 setting the number of calibration points, concentration unit, temperature unit, etc.
- \* Reset function automatically resumes all settings back to the factory defaults.
- \* Calibration due alarm prompts user to calibrate the meter regularly.(only PH-980)
- \* Set up menu allows setting the number of calibration points, resolution, stability criteria, temperature unit, concentration unit, date and time, etc.(only PH-980)
- \* Expanded memory stores or recalls up to 500 data sets.(only PH-980)SD
- \* USB communication interface for data transfer and timed interval readings.(only PH-980)

### Accessories:

DO100 dissolved oxygen electrode, electrolyte solution, membrane cap and DC9V power adapter.

### Technical Parameters:

Model	PH-810	PH-980	
DO	Range	0.0~20.0mg/L or ppm	
	Accuracy	±0.5mg/L	±0.2mg/L
	Resolution	0.1mg/L	0.01, 0.1mg/L, selectable
% saturation	Range	0.0~200.0%	
	Accuracy	±2.0%	
	Resolution	1%	0.1, 1%, selectable
Temperature	Range	0~60°C/32~140°F	
	Accuracy	±1°C/±1.8°F	±0.5°C/±0.9°F
	Resolution	0.1°C/0.1°F	
	Offset Calibration	1 point, reading ±10°C	
Other Specifications	Dissolved Oxygen Calibration	1 or 2 points	
	Temperature Compensation	0~40°C, automatic	0~50°C, automatic
	Barometric Pressure Correction	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	
	Memory	/	500 data sets
	Communication Interface	/	USB
	Connector	6-pin mini-DIN	
Display	Custom LCD (120*60mm)	Custom LCD (125*100mm)	
Power Requirements	DC9V power adapter	DC5V power adapter	
Dimensions(mm)	210*205*75mm	210*188*60mm	
Weight(kg)	1.5kg		
Package Size(W*D*H)mm	310*240*180mm		
Gross weight(kg)	1.7kg		