



Suitable for aquaculture, water source monitoring, sewage treatment and environmental protection monitoring, especially for outdoor purposes.

Main Features

- Large LCD screen with controllable white backlight.
- Humanized designs like rack and skid proof shell make it more convenient for users.
- DO mode has functions of ATC, auto salinity compensation and auto pressure compensation.
- New structure polarographic DO electrode can measure temperature, salinity and dissolved oxygen simultaneously, equipped with special DO electrode calibration sleeve, only need 3~5 minutes for polarization.
- Built-in microprocessor chip with functions of auto calibration, auto temperature compensation, data storage, function setup, self-diagnosis, auto power off, low voltage display.
- Combined diaphragm cap makes it extremely convenient to replace the sensitive membrane just by screwing the new cap to the electrode.
- IP57 waterproof housing

Specifications

MODEL	P-512	
Display	Large LCD screen with controllable white backlight	
Dissolved Oxygen	Measuring range	(0 ~ 20.00) mg/L(ppm), (0 ~ 200.0)%
	Resolution	0.1/0.01 mg/L(ppm), 1/0.1 %
	Accuracy	Electrode: ± 0.10 mg/L, Instrument: ± 0.40 mg/L
	Response time	≤ 30 s (25 °C, 90% response)
	Residual current	≤ 0.1 mg/L
	Temperature compensation	(0 ~ 45) °C (automatic))
	Salinity compensation	(0 ~ 45) ppt (automatic)
	Pressure compensation	(66 ~ 200) kPa (manual)
	Automatic calibration	Air saturated by water, water saturated by air
	Electrode type	Polarographic
Other Parameters	Data storage	200 groups
	Storage contents	Series number, measuring value, measuring unit and temperature
	Power	Two AA batteries(1.5V)
	Size & Weight	65×120×31mm/180g (instrument) 255×210×50mm/790g (with carrying case)
Working Conditions	Environment Temperature	(5 ~ 35) °C (grade 0.01)
	Environment Humidity	$\leq 85\%$
	IP grade	IP57

Standard Configuration

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|------------------------------------|----------|
| 1. P-512 Do meter | 1 unit |
| 2. Dissolved oxygen electrode | 1 pc |
| 3. Temperature electrode | 1 pc |
| 4. Membrane cap | 3 pcs |
| 5. Electrode inner solution (30mL) | 1 bottle |
| 6. Backup AA battery | 2 pcs |
| 7. Operation manual | 1 copy |