



P-510

Portable pH Meter



Main Features

- Large LCD screen with controllable white backlight.
- Built-in microprocessor chip with functions of auto calibration, auto temperature compensation, data storage, function setup, self-diagnosis, auto shut off, low voltage display.
- Auto recognition of standard pH buffers and there are three kinds of standard buffers for option: USA series, NIST series and China series.
- Can set up pH measurement modes of high purity water and ammonia added pure water.
- Humanized designs like rack and skid proof shell make it more convenient for users.
- Equipped with standard buffers and optional carrying case for outdoor purpose.
- IP57 waterproof housing.



Specifications

MODEL	P-510	
Display	Large LCD screen with controllable white backlight	
pH	Measurement range	(-2.00 ~ 19.99)pH
	Resolution	0.1/0.01 pH
	Accuracy	±0.02 pH
	Input current	≤2×10 ⁻¹² A
	Input impedance	≥1×10 ¹² Ω
	Stability	±0.01 pH/3h
	Temp compensation	(0~100)℃ (auto or manual)
mV	Measurement range(mV/ORP/EH)	-1999.9mV ~ 0 ~ 1999.9mV
	Resolution	1mV
	Accuracy	±0.1% FS
Other Parameters	Data storage	150 sets
	Storage contents	Series number, measuring value, measuring unit and temperature
	Power	Two AA batteries(1.5V)
	Size & Weight	160×90×30mm/360g (instrument) 380×310×120mm/1.5kg (with packing)
Working Conditions	Environment Temperature	(5~35)℃ (grade 0.01)
	Environment Humidity	≤85%
	IPgrade	IP57

Standard Configuration

1. P-510 pH/mV meter	1unit
2. pH electrode	1pc
3. Temperature electrode	1pc
4. Standard pH buffer(pH4.00, pH6.86 and pH9.18/50ml)	1bottle/each
5. Backup AA battery	2pcs
6. Operation manual	1copy