



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 13 standard pH buffers and there are three kinds of standard buffers for option: Europe & 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 solution and 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	Electrode: ± 0.01 pH, Instrument: ± 0.02 pH
	Input current	$\leq 2 \times 10^{-12}$ A
	Input impedance	$\geq 1 \times 10^{12} \Omega$
	Stability	± 0.01 pH/3h
	Temp compensation	(0 ~ 100)°C (auto or manual)
mV	Measurement range(mV/ORP/EH)	-1999.9mV ~ 0 ~ 1999.9mV
	Resolution	1mV
	Accuracy	$\pm 0.1\%$ FS
Other Parameters	Data storage	200 sets
	Storage contents	Series number, measuring value, measuring unit and temperature
	Power	Two AA batteries(1.5V)
	Size & Weight	160*90*30mm/360g (instrument) 480*300*60mm/1kg (with packing)
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-510 pH/mV meter | 1 unit |
| 2. pH electrode | 1 pc |
| 3. Temperature electrode | 1 pc |
| 3. Standard pH buffer(pH4.00, pH6.86 and pH9.18/50mL) | 1 bottle/each |
| 4. Backup AA battery | 2 pcs |
| 5. Operation manual | 1 copy |