



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 solution and carrying case for outdoor purpose.
- IP57 waterproof housing.

Specifications

pH	Measuring 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)°C (automatic)
mV	Measuring range	-1999mV ~ 0 ~ 1999mV
	Resolution	1mV
	Accuracy	±0.1% FS
Others	Data storage	200 groups
	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)
	Quality certificates	ISO9001, CE
Working Conditions	Ambient temperature	(5 ~ 35)°C
	Ambient humidity	≤85%
	IP grade	IP57

Standard Confituration

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