

QC-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.

Technical Specification:

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 Configuration:

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| 1. QC-510 pH/mV meter | 1 unit |
| 2. pH 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 |
| 6. Temperature electrode | 1 pc |