



LABORATORY LINES

pH METERS



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KALSTEIN® Benchtop pH/ORP Meter

Model YR01823



Features

A pH meter is an instrument used to measure acidity or alkalinity of a solution - also known as pH. pH is the unit of measure that describes the degree of acidity or alkalinity. It is measured on a scale of 0 to 14.

pH Mode:

- ✓ High-accuracy benchtop pH meter is equipped with a large backlit LCD display.
- ✓ 1 to 5 points push-button calibration with auto-buffer recognition.
- ✓ Selectable pH buffer group (USA/NIST/DIN) or using the custom calibration solutions.
- ✓ Automatic electrode diagnosis with pH slope and offset display.
- ✓ Automatic Temperature Compensation provides accurate reading over the entire range.
- ✓ Calibration Due Alarm prompts user to calibrate the meter regularly.

ORP Mode:

- ✓ 1 point offset calibration allows adjusting the displayed value to a known standard.
- ✓ Relative and absolute millivolt modes provide the reliable ORP measurements.

Other Features:

- ✓ Stability indicator shows when a measurement is recognized as stable.
- ✓ Auto-Hold feature senses and locks the measurement endpoint.
- ✓ Setup menu allows setting the 9 parameters, including the number of calibration points, resolution, stability criteria, temperature unit, auto-power off, etc.

- ✓ Reset feature automatically resumes all settings back to factory default options.
- ✓ Expanded memory stores and recalls up to 500 data sets.
- ✓ Stored readings can be transferred into the computer by USB communication interface.

Optional Accessories

- ✓ P11 pH Electrode: For the general applications
- ✓ P11-LiCl pH Electrode: For the non-aqueous samples
- ✓ P11-HA pH Electrode: For the high alkalines samples
- ✓ P11-NA pH Electrode: For the biofuels
- ✓ P12 pH Electrode: For the sample in the test tube
- ✓ P13 pH Electrode: For the micro-volume samples
- ✓ P15 pH Electrode: For the low conductivity samples
- ✓ P16 pH Electrode: For the Tris buffers
- ✓ P18 pH Electrode: For the slurries and soils
- ✓ P19 pH Electrode: For the semisolids
- ✓ P21 pH Electrode: For the colloids
- ✓ P22 pH Electrode: For the high temperature samples
- ✓ 501 ORP Electrode: For the sample with strong redox potential
- ✓ 502 ORP Electrode: For the sample with weak redox potential
- ✓ Temperature Probe: Special-purpose temperature sensor
- ✓ pH Buffer Solutions: 480mL/bottle.



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KALSTEIN® Benchtop pH/ORP Meter

Model YR01823



Model		YR01823
pH	Range	-2.000~20.000pH
	Resolution	0.001, 0.01, 0.1pH, selectable
	Accuracy	±0.002pH
	Calibration Points	1 to 5 points
	pH Buffer Options	USA, NIST, DIN, 2 custom buffers
ORP	mV Range	±1999.9mV
	Relative mV Range	±1999.9mV
	Resolution	0.1, 1mV, selectable
	Accuracy	±0.2mV
	Calibration Points	1 point
Temperature	Range	0~105°C/32~221°F
	Resolution	0.1°C/0.1°F
	Accuracy	±0.5°C/±0.9°F
	Offset Calibration	1 point, reading ±10°C
Other Specifications	Temperature Compensation	0~100°C, manual or automatic
	Stability Criteria	Low or high
	Calibration Due Alarm	1 to 31 days or off
	Slope/Offset Display	Yes
	Hold Function	Manual or auto-endpoint
	Memory	500 data sets
	Communication Interface	USB
	Connector	BNC, 3.5mm jack socket
	Display	Custom LCD (125×100mm)
	Power Requirements	DC5V power adapter
	Dimensions	210(L)×188(W)×60(H)mm
	Weight	1.5kg



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