



# LABORATORY LINES

## pH METERS



# Kalstein®

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## KALSTEIN® Benchtop pH Meter Model YR01823E

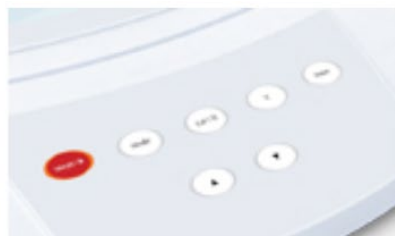


### Description

A pH meter is an instrument used to measure pH, mV and temperature.

### Features:

- ✓ 1 to 3 points calibration with automatic recognition for USA and NIST buffers.
- ✓ Automatic electrode diagnosis shows the Ph SLOPE AND OFFSET
- ✓ Automatic temperature compensation ensures accurate readings over the entire range
- ✓ Auto-Read function senses and locks the measurement endpoint
- ✓ Setup menu allows setting the Ph buffer set, number of calibration points, temperature unit, etc.
- ✓ Resent function automatically resumes all settings back to the factory defaults
- ✓ Expanded memory stores or recalls up to 100 data sets
- ✓ USB communication interface for data transfer or connecting a printer



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Optimum Business Center 450 Rue Baden Powell,  
• 34000 Montpellier, France.  
Tit: +33 467158849 / +33 680760710/ +33 663810023  
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## KALSTEIN® Benchtop pH Meter Model YR01823E



### Specifications

	Model	YR01823E	YR01823
pH	Range	-2.00-20.00pH	-2.000-20.000pH
	Resolution	0.01pH	0.001, 0.01, 0.1pH, selectable
	Accuracy	±0.01pH	±0.002pH
	Calibration Points	1 to 3 points	1 to 5 points
	pH Buffer Options	USA (4.01/7.00/10.01), NIST (4.01/6.86/9.18)	USA, NIST, DIN, 2 custom buffers
ORP	mV Range	±1999mV	±1999.9mV
	Relative mV Range	—	±1999.9mV
	Resolution	1mV	0.1, 1mV, selectable
	Accuracy	±1mV	±0.2mV
	Calibration Points	—	1 point
Temperature	Range	0-105°C/32-221°F	0-105°C/32-221°F
	Resolution	0.1°C/0.1°F	0.1°C/0.1°F
	Accuracy	±1°C/±1.8°F	±0.5°C/±0.9°F
	Offset Calibration	1 point, reading ±10°C	1 point, reading ±10°C
Other Specifications	Temperature Compensation	0-100°C, manual or automatic	0-100°C, manual or automatic
	Stability Criteria	—	Low or high
	Calibration Due Alarm	—	1 to 31 days or off
	Slope/Offset Display	Yes	Yes
	Hold Function	Manual or auto-endpoint	Manual or auto-endpoint
	Memory	100 data sets	500 data sets
	Communication Interface	USB	USB
	Connector	BNC, 3.5mm jack socket	BNC, 3.5mm jack socket
	Display	Custom LCD (125×100mm)	Custom LCD (125×100mm)
	Power Requirements	DC5V power adapter	DC5V power adapter
	Dimensions	210(L)×188(W)×60(H)mm	210(L)×188(W)×60(H)mm
	Weight	1.5kg	1.5kg



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A refrigerator is a device that is one of the most common pieces of equipment used in laboratories. It is a controlled environment (refrigerated space), various fluids and substances

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MONTPELLIER - FRANCE  
**HEADQUARTER**  
Optimum Business Center,  
450 Rue Baden Powell,  
34000 Montpellier - France.

**Fax:** +33 (0) 4 67 15 88 49  
**Tif:** +33 (0) 6 80 76 07 10  
sales@kalstein.eu

<https://kalstein.eu/>  
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