



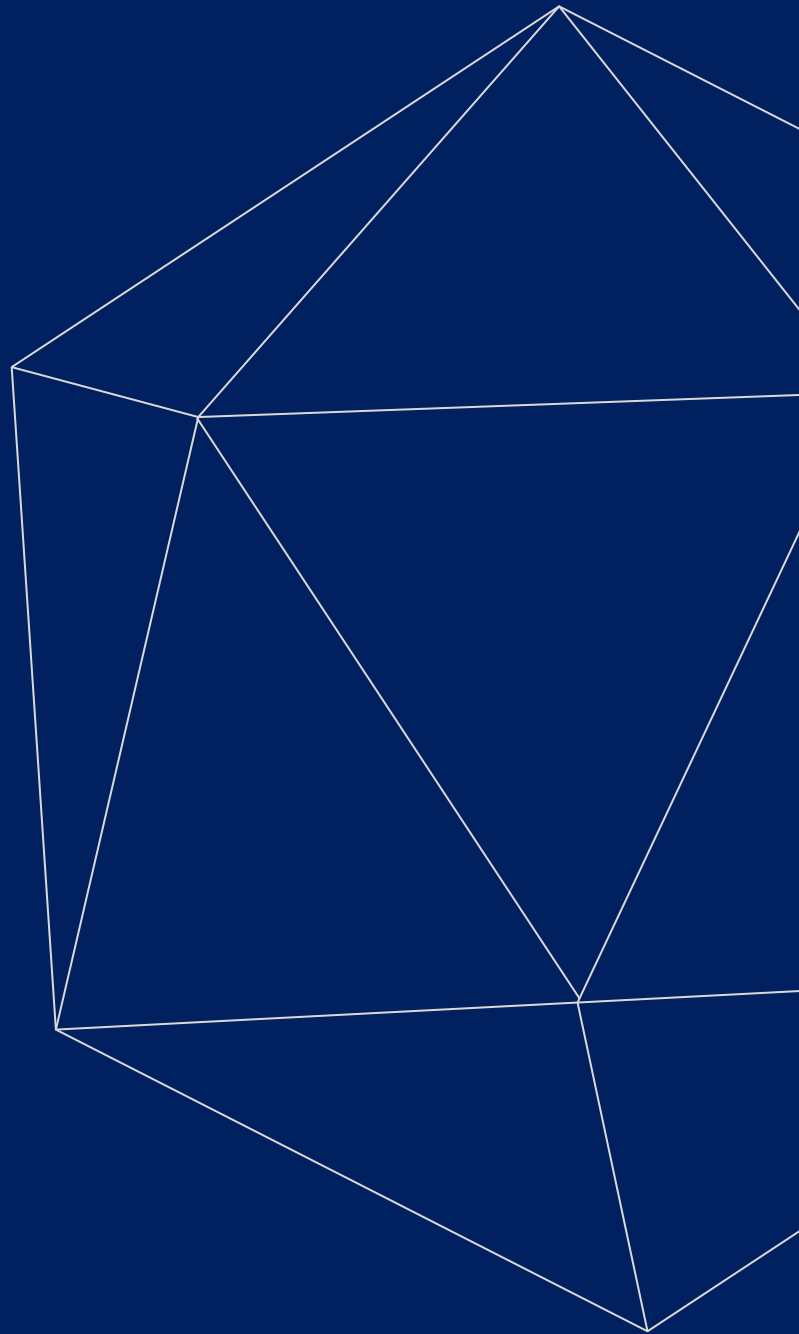
LABORATORY LINES

pH METERS



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A different accompaniment, at your service





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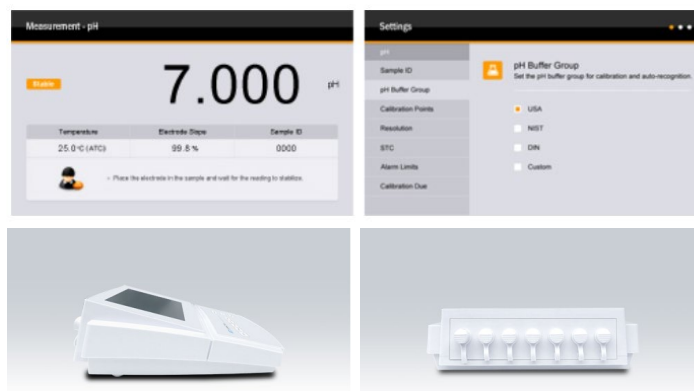
Kalstein Worldwide

With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.





KALSTEIN® pH Meters Benchtop pH/ORP Meter Model YR01821



YR01821 Benchtop pH/ORP Meter

Professional benchtop pH meter, pH, mV, relative mV, temperature.

pH Mode:

- ✓ 1 to 5 points calibration with automatic recognition for USA, NIST and DIN buffers
- ✓ Automatic electrode diagnosis shows the pH slope and offset
- ✓ Solution temperature coefficient compensates for the pure water samples and references the pH to 25°C

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:

- ✓ Automatic temperature compensation ensures accurate readings over the entire range
- ✓ Auto-Read function senses and locks the measurement endpoint Timed Interval
- ✓ Readings sends the measurement data to a PC or printer
- ✓ Limit Alarm automatically alerts when reading exceeds the specified range
- ✓ Calibration due alarm prompts user to calibrate the meter regularly
- ✓ Password protection prevents the unauthorized calibration and

settings

- ✓ Expanded memory stores or recalls up to 1000 data sets
- ✓ Reset function automatically resumes all settings back to the factory defaults

Accessories

- ✓ pH electrode
- ✓ Temperature probe
- ✓ pH4.01/7.00/10.01 buffer sachets
- ✓ DC12V power adapter

Optional Accessories

- ✓ P11 pH Electrode: For the general applications
- ✓ 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 FRANCE, S.A. S



KALSTEIN® pH Meters Benchtop pH/ORP Meter Model YR01821

Model		YR01821	
pH	Range	-2.000-20.000pH	•
	Resolution	0.001, 0.01, selectable	•
	Accuracy	±0.002pH	•
	Calibration Points	1 to 5 points	•
	pH Buffer Options	USA, NIST, DIN, 5 custom buffers	•
ORP	mV Range	±2000.0mV	•
	Relative mV Range	±2000.0mV	•
	Resolution	0.1mV	•
	Accuracy	±0.2mV	•
	Calibration Points	1 point	•
Ion	Range	0.001-30000 (depending on the range of ISE)	—
	Resolution	0.001, 0.01, 0.1, 1	—
	Accuracy	±0.5% F.S. (monovalent), ±1% F.S. (divalent)	—
	Measurement Units	ppm, mg/L, mol/L, mmol/L	—
	Calibration Points	2 to 5 points (0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000)	—
	Measurement Methods	Direct reading, known addition, known subtraction, sample addition, sample subtraction	—
	Electrode Management	1 to 3 electrodes	—
Water Hardness	Range	0.05-200mmol/L, 0-1122°dH, 0-1404°e, 0-2000°fH, 0-8000mg/L (Ca ²⁺)	—
	Resolution	0.001, 0.01, 0.1, 1	—
	Accuracy	±1% F.S.	—
	Calibration Points	2 to 5 points (0.01, 0.1, 1, 10, 100mmol/L)	—
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	•
	Solution Temperature Coefficient	25°C	•
	Stability Criteria	Standard or high-accuracy	•
	Calibration Due Alarm	1 to 31 days or off	•
	Interval Readings	10, 30, 60 seconds, 10, 30 minutes or off	•
	Password Protection	4 digits	•
	Memory	1000 data sets	•
	Communication Interface	USB	•
	Connector	BNC, 3.5 mm jack socket	•
	Display	7 inches TFT LCD	•
	Power Requirements	DC12V, using AC power adapter, 220V/50Hz	•
	Dimensions	240(L)×220(W)×80(H)mm	•
Weight	1.7kg	•	



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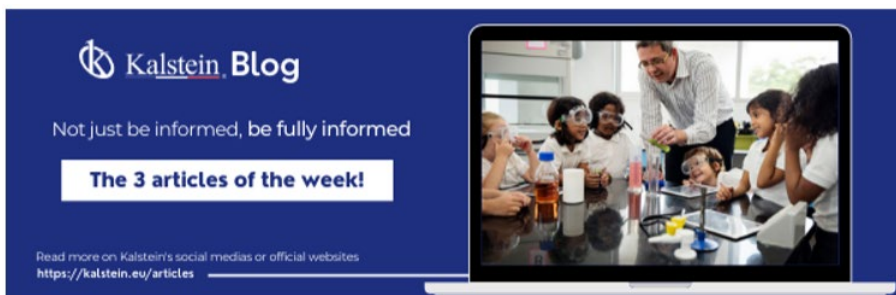
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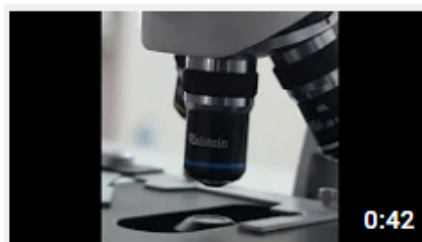
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