



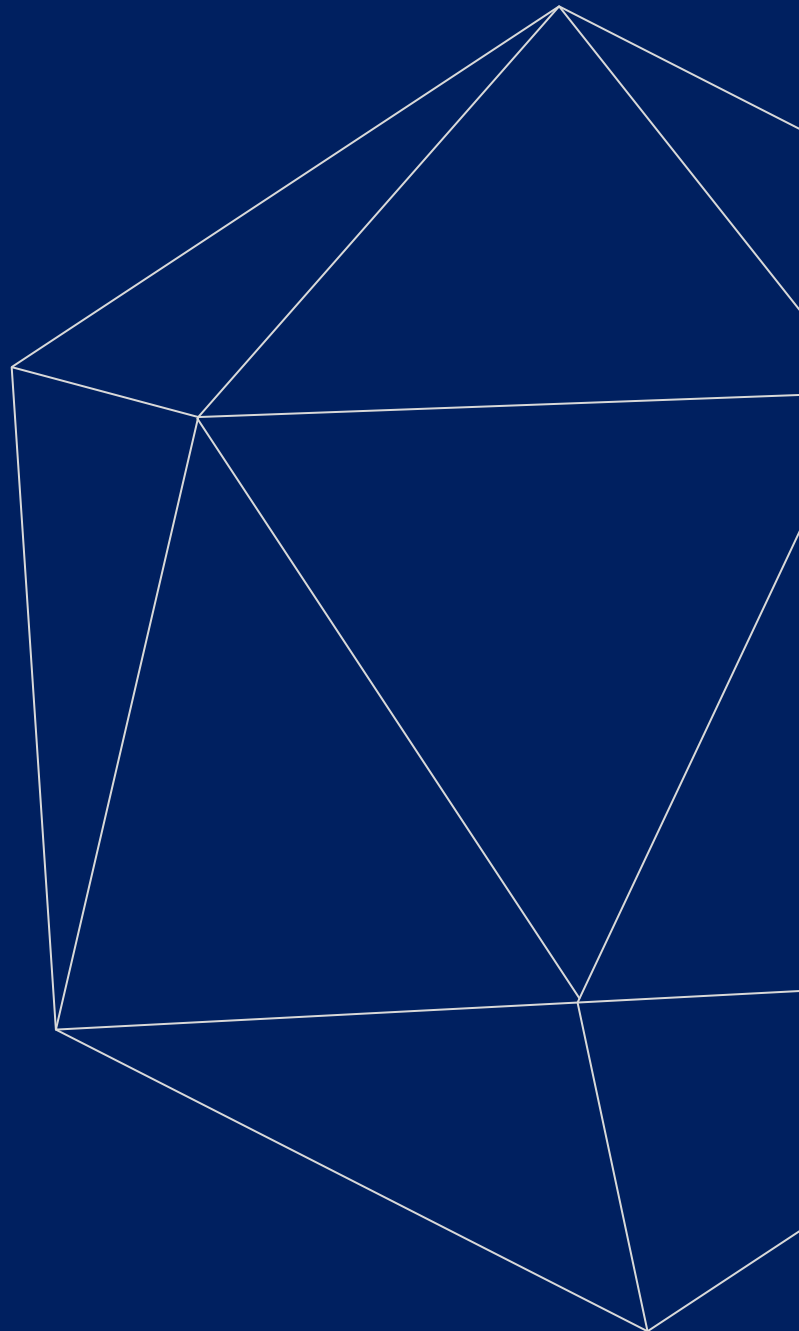
# LABORATORY LINES

## PORTABLE POTASSIUM ION METER



**Kalstein**®

A different accompaniment, at your service





# Kalstein®

A different accompaniment, at your service

OUR SERVICES

## Benefits and Support

In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



### Online Inductions and Trainings

In any part of the world, receive your induction or training from our specialized team of engineers



### Quick Response

Our work team is always available to response all your consults or questions, in order to support you in any situation.



### #Letsgivemore ♥

Thanks to your purchase, a donation will be made to a non-profit foundation that fights against breast cancer and helps most vulnerable communities.



### Technical Support

Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



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We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or air.



### 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® Portable Potassium Ion Meter

Model YR01817-13



### Product Description

Professional portable potassium ion meter, suitable for outdoor applications, accuracy: 1% F.S.

### Features:

- ✓ Professional portable potassium ion meter is equipped with a backlit LCD display.
- ✓ 2 to 5 points calibration from low to high concentrations.
- ✓ Selectable 8 concentration calibration points, including the 0.001 to 10000.
- ✓ Selectable concentration units - ppm, mg/L and mol/L.



- ✓ Automatic electrode diagnosis shows the calibration points and slopes.
- ✓ Automatic temperature compensation ensures accurate readings over the entire range.
- ✓ Direct ion concentration readout simplifies the measurement process.
- ✓ Auto-Read function senses and locks the measurement endpoint.
- ✓ Calibration due alarm prompts user to calibrate the meter regularly.
- ✓ Auto-Power Off effectively conserves battery life.
- ✓ Setup menu allows setting the number of calibration points, stability criteria, temperature unit, date and time, etc.
- ✓ Reset function automatically resumes all settings back to the factory defaults.
- ✓ Expanded memory stores or recalls up to 500 data sets.
- ✓ USB communication interface for data transfer or connecting a power adapter to meter.

### Meter Includes

- ✓ ISE-K potassium electrode
- ✓ TP-10K temperature probe
- ✓ Potassium standard solutions 100, 1000 ppm
- ✓ Ionic strength adjuster
- ✓ Carrying case

### Optional accessories:

- ✓ ISE-K Potassium Electrode: Range 0.04 to 39000 ppm
- ✓ TP-10K Temperature Probe: For temperature compensation and measurement
- ✓ Ion Standard Solutions: For ion concentration calibration
- ✓ Ionic Strength Adjusters: For adjusting the pH and background ionic strength
- ✓ USB Cable: For transferring data or connecting power adapter
- ✓ 5V DC Power Adapter: For connecting external power source



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KALSTEIN FRANCE, S. A. S



## KALSTEIN® Portable Potassium Ion Meter

Model YR01817-13



Model		YR01817-13	
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	—
Ion	Range	0.001-19999 (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	•
	Calibration Solutions	0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000	•
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	•
	Auto-Off	10, 20 or 30 minutes after last key pressed	•
	Memory	500 data sets	•
	Communication Interface	USB	•
	Connector	BNC, 3.5 mm jack socket	•
	Display	Custom LCD (80×60mm)	•
	Power Requirements	3×1.5V AA batteries or DC5V power adapter	•
	Battery Life	Approximately 150 hours (Turn off the backlight)	•
	Dimensions	170 (L)×85 (W)×30 (H) mm	•
Weight	300g	•	



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OF A KALSTEIN  
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**Humatem**

Solidarité et coopération  
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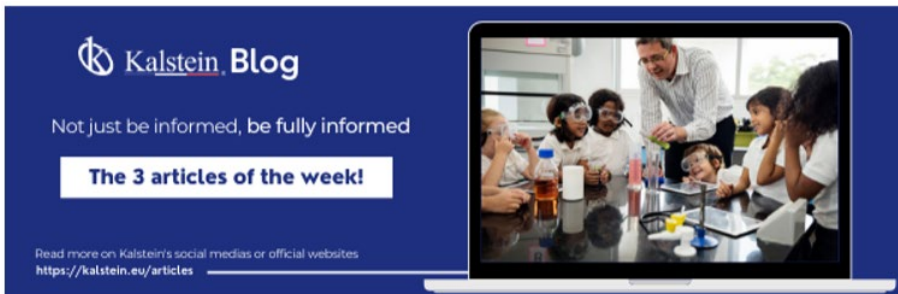
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Not just be informed, be fully informed

**The 3 articles of the week!**

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**1**  
Read this ARTICLE NOW

**How does the climate affect your microscope?**

microscope is an instrument that allows observing and measuring objects that are too small to be seen with the naked eye. This is achieved through a complex system of lenses and mirrors, which form

**Kalstein Blog**

**Article of the week:**  
How does the climate affect your microscope?

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**2**  
Read this ARTICLE NOW

**What is the importance of the laboratory refrigerator?**

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

**Kalstein Blog**

**Article of the week:**  
What is the importance of the laboratory refrigerator?

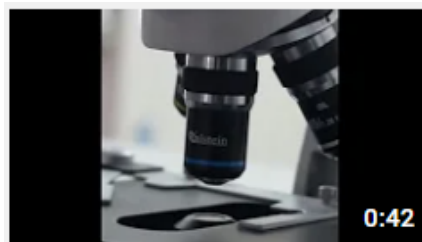
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