



# LABORATORY LINES

## pH METERS



# Kalstein®

A different accompaniment, at your service





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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 is made to a non-profit foundation that fights against cancer and helps 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.



### Delivery Logistics

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.





## Portable Ion Meter

**Model YR01817**



### Portable Ion Meter

Professional portable ammonium ion meter, suitable for outdoor applications, accuracy: 0.5% F.S.

#### Features:

- ✓ Professional portable ammonium 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.

#### Accessories

- ✓ NH4-US ammonium electrode
- ✓ TP-10K temperature probe
- ✓ Ammonium standard solutions 100, 1000ppm
- ✓ Ionic strength adjuster
- ✓ Carrying case

#### Optional Accessories:

- ✓ TP-10K Temperature Probe For temperature measurement
- ✓ Ion Standard Solutions 480 mL/bottle
- ✓ Ionic Strength Adjusters 480 mL/bottle
- ✓ NH4-US Ammonium Electrode Range: 0.1 to 18000ppm



**#Let'sgivemore** ❤️

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**KALSTEIN FRANCE, S. A. S**



# PORTABLE ION METER

Ion Concentration	
Range	5×10 <sup>-6</sup> to 1M, 0.1 to 18000ppm
Resolution	0.001, 0.01, 0.1, 1
Accuracy	±0.5% F.S.
Calibration Points	2 to 5 points
Calibration Solutions	0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000
Measurement Units	ppm, mg/L, mol/L, mmol/L
mV	
Range	±1999.9mV
Resolution	0.1mV
Accuracy	±0.2mV
Temperature	
Range	0 to 105°C/32 to 221°F
Resolution	0.1°C/0.1°F
Accuracy	±0.5°C/±0.9°F
Offset Calibration	1 point
Calibration Range	Reading ±10°C
General Specifications	
Temperature Compensation	0 to 100°C/32 to 212°F, manual or automatic
Stability Criteria	Low or high
Calibration Due Alarm	1 to 31 days or off
Auto-Power Off	10, 20 or 30 minutes after last key pressed
Memory	Stores up to 500 data sets
Output	USB communication interface
Connector	BNC, 3.5mm jack socket
Display	Custom LCD (80×60mm)
Power	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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Jacinto Convit**  
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<https://www.humatem.org/>

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**Kalstein Blog**  
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 at a very small scale. 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?

Read more on Kalstein's social medias or official websites  
<https://kalstein.eu/articles>



**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. It is a controlled environment (refrigerated space), various fluids and substances

**Kalstein Blog**

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

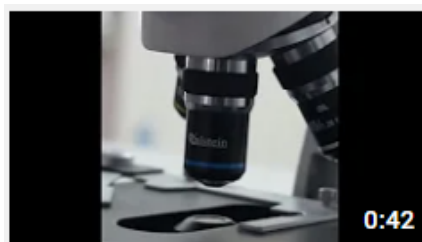
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