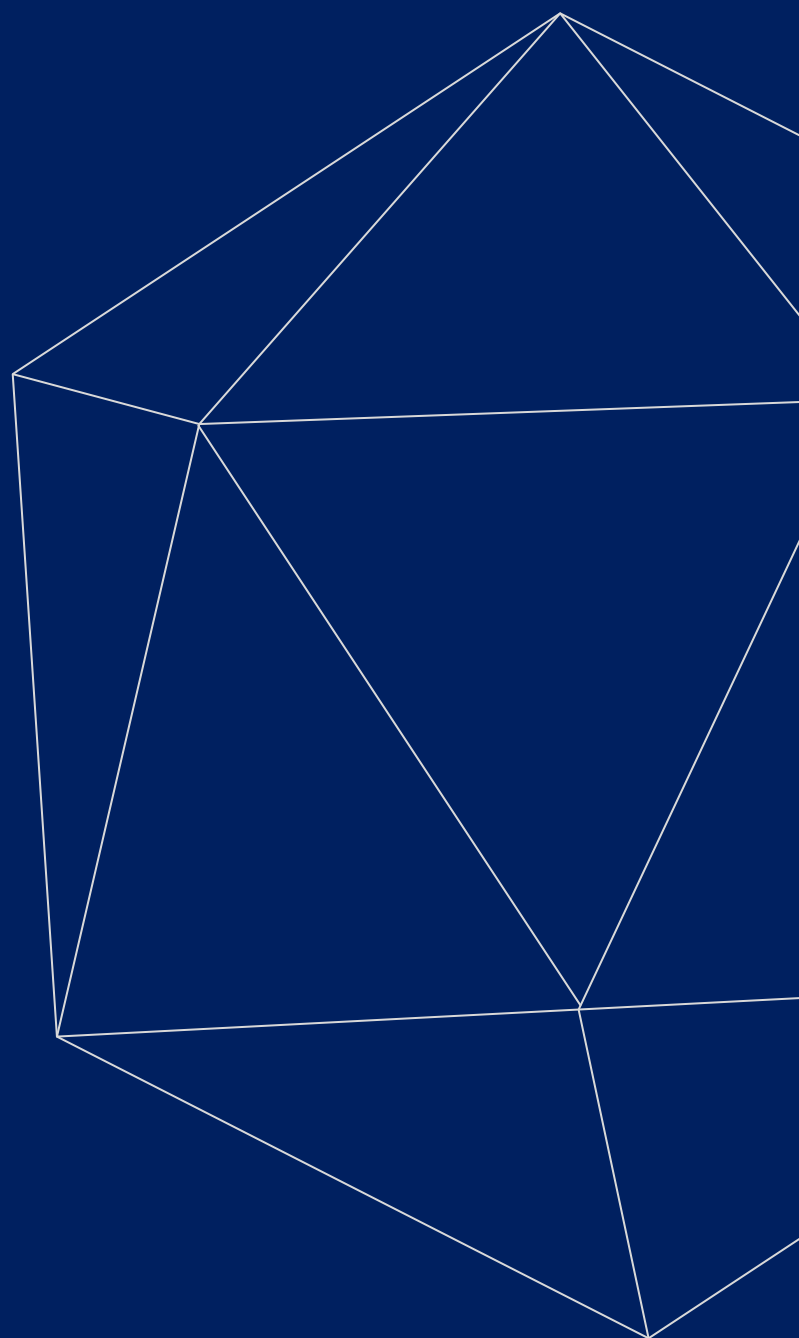




# LABORATORY LINES CONDUCTIVITY METER



## 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.



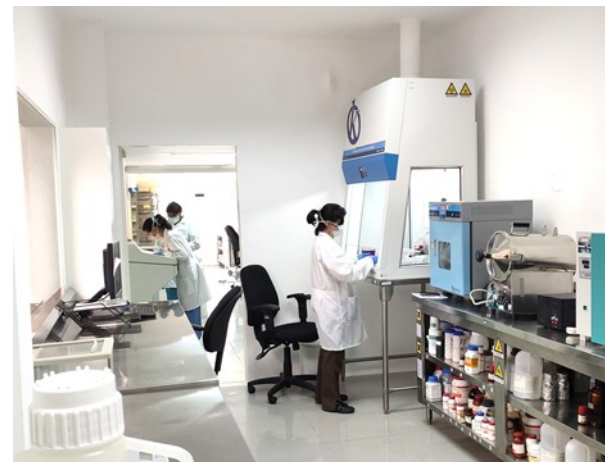
#### Online Inductions and Trainings

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.



#### 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.



## KALSTEIN® Conductivity Meter

### Benchtop Conductivity Meter

Model YR01830



#### Measurement Parameters:

- ✓ YR01830: Conductivity, TDS, temperature
- ✓ YR01830a: Conductivity, TDS, salinity, resistivity, temperature

#### Features:

- ✓ 1 to 3 points calibration with automatic recognition for conductivity standards
- ✓ Selectable cell constant, temperature coefficient and TDS conversion factor
- ✓ Automatic temperature compensation corrects conductivity measurements to the reference temperature
- ✓ Auto-read function senses and locks the measurement endpoint
- ✓ Setup menu allows setting the number of calibration points, temperature unit, etc.
- ✓ Reset function automatically resumes all settings back to the factory defaults



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## KALSTEIN® Conductivity Meter Benchtop Conductivity Meter

Model YR01830

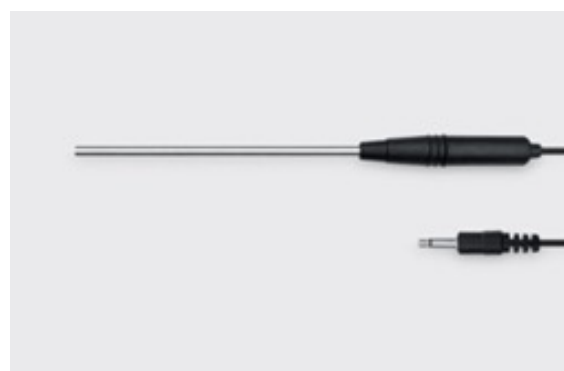


### Features:

- ✓ 1 to 5 points calibration with automatic recognition for conductivity standards
- ✓ Automatic electrode diagnosis shows the calibration points and factors
- ✓ Selectable cell constant, reference temperature, TDS conversion factor, linear and pure water compensations, seawater and practical salinity measurement modes
- ✓ Automatic temperature compensation corrects conductivity measurements to the reference temperature
- ✓ Auto-read function senses and locks the measurement endpoint
- ✓ Calibration due alarm reminds the user to calibrate the meter regularly
- ✓ Setup menu allows setting the number of calibration points, stability criteria, date and time, temperature unit, 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 and timed interval readings

### Optional Conductivity Electrodes:

- ✓ CON-0.1: Suitable for measuring the low conductivity liquids ( $< 10 \mu\text{S/cm}$ )
- ✓ CON-1 : Suitable for measuring the general water samples
- ✓ CON-10 : Suitable for measuring the high conductivity liquids ( $> 20 \text{mS/cm}$ )



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## KALSTEIN® Conductivity Meter Benchtop Conductivity Meter



		YR01830	YR01830A
Conductivity	Range	0.01~20.00, 200.0, 2000 $\mu\text{S}/\text{cm}$ , 20.00, 200.0 $\text{mS}/\text{cm}$	0.01~20.00, 200.0, 2000 $\mu\text{S}/\text{cm}$ , 20.00, 200.0 $\text{mS}/\text{cm}$
	Resolution	0.001, 0.01, 0.1, 1	0.001, 0.01, 0.1, 1
	Accuracy	$\pm 1\%$ F.S.	$\pm 0.5\%$ F.S.
	Calibration	1 to 3 points	1 to 5 points
	Calibration Solutions	10 $\mu\text{S}/\text{cm}$ , 84 $\mu\text{S}/\text{cm}$ , 1413 $\mu\text{S}/\text{cm}$ , 12.88 $\text{mS}/\text{cm}$ , 111.8 $\text{mS}/\text{cm}$	10 $\mu\text{S}/\text{cm}$ , 84 $\mu\text{S}/\text{cm}$ , 1413 $\mu\text{S}/\text{cm}$ , 12.88 $\text{mS}/\text{cm}$ , 111.8 $\text{mS}/\text{cm}$
TDS	Range	0~10.00, 100.0, 1000 ppm, 10.00, 200.0 ppt	0~10.00, 100.0, 1000 ppm, 10.00, 200.0 ppt
	Resolution	0.01, 0.1, 1	0.01, 0.1, 1
	Accuracy	$\pm 1\%$ F.S.	$\pm 1\%$ F.S.
	TDS Factor	0.1~1.0 (default 0.5)	0.1~1.0 (default 0.5)
Salinity	Range	—	0.00~42.00 psu, 0.00~80.00 ppt
	Resolution	—	0.01
	Accuracy	—	$\pm 1\%$ F.S.
Resistivity	Range	—	0.00~20.00 M $\Omega$
	Resolution	—	0.01, 0.1
	Accuracy	—	$\pm 1\%$ F.S.
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	$\pm 1^\circ\text{C}/\pm 1.8^\circ\text{F}$	$\pm 0.5^\circ\text{C}/\pm 0.9^\circ\text{F}$
	Offset Calibration	1 point, reading $\pm 10^\circ\text{C}$	1 point, reading $\pm 10^\circ\text{C}$
	Temperature Compensation	0~100°C, manual or automatic	0~100°C, manual or automatic
	Temperature Coefficient	Linear (0.0~10.0%/°C)	Linear (0.0~10.0%/°C), pure water
	Reference Temperature	25°C	20/25°C
Other Specifications	Cell Constant	K=0.1, 1, 10 or custom	K=0.1, 1, 10 or custom
	Stability Criteria	—	Low or high
	Calibration Due Alarm	—	1 to 31 days or off
	Calibration Factor Display	—	Yes
	Hold Function	Manual or auto-endpoint	Manual or auto-endpoint
	Memory	—	500 data sets
	Communication Interface	—	USB
	Connector	6-pin nmi-DIN, 3.5 mm jack socket	6-pin nmi-DIN, 3.5 mm jack socket
	Display	Custom LCD (120x60mm)	Custom LCD (125x100mm)
	Power Requirements	9V DC power adapter	5V DC power adapter
	Dimensions	210 (L) x 205 (W) x 75 (H) mm	210 (L) x 188 (W) x 60 (H) mm
	Weight	1.5 kg	1.5 kg

### Ordering Information:

- ✓ YR01830/YR01830A-S: Meter, CON-1 conductivity electrode, temperature probe, standard solutions, electrode holder, USB cable (for YR01830A only), power adapter
- ✓ YR01830/YR01830A-DL : Meter, CON-0.1/CON-1 conductivity electrodes, temperature probe, standard solutions, electrode holder, USB cable (for YR01830A only), power adapter
- ✓ YR01830/YR01830A-DH: Meter, CON-1/CON-10 conductivity electrodes, temperature probe, standard solutions, electrode holder, USB cable (for YR01830A only), power adapter



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1  
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**How does the climate affect your microscope?**


Microscope is an instrument that allows observing and measuring objects at a microscopic level. This is achieved through a complex system of lenses, which form



**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, one of the most used equipment, that allows to maintain, in a controlled environment (refrigerated space), various fluids and substances



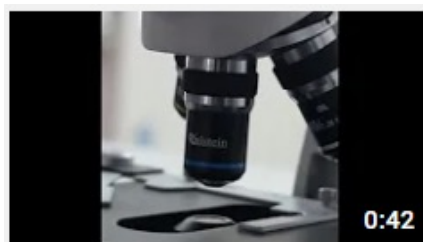
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What is the importance of the laboratory refrigerator?

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