



LABORATORY LINES

CONDUCTIVITY METER



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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 YR01830A

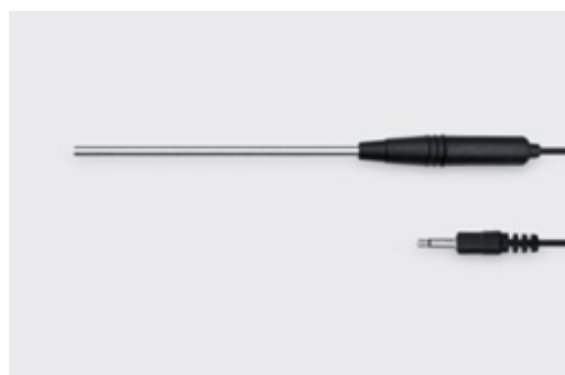


Features:

- ✓ 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 ($> 20 \text{mS/cm}$)



#Let'sgive more ♥

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KALSTEIN® Conductivity Meter Benchtop Conductivity Meter



Specifications:

	YR01830	YR01830A
Conductivity	Range	0.01~20.00, 200.0, 2000µS/cm, 20.00, 200.0mS/cm
	Resolution	0.001, 0.01, 0.1, 1
	Accuracy	±1% F.S.
	Calibration	1 to 3 points
	Calibration Solutions	10µS/cm, 84µS/cm, 1413µS/cm, 12.88mS/cm, 111.8mS/cm
TDS	Range	0-10.00, 100.0, 1000 ppm, 10.00, 200.0 ppt
	Resolution	0.01, 0.1, 1
	Accuracy	±1% F.S.
	TDS Factor	0.1-1.0 (default 0.5)
Salinity	Range	—
	Resolution	—
	Accuracy	—
Resistivity	Range	—
	Resolution	—
	Accuracy	—
Temperature	Range	0~105°C/32~221°F
	Resolution	0.1°C/0.1°F
	Accuracy	±1°C/±1.8°F
	Offset Calibration	1 point, reading ±10°C
Other Specifications	Temperature Compensation	0~100°C, manual or automatic
	Temperature Coefficient	Linear (0.0~10.0%/°C)
	Reference Temperature	25°C
	Cell Constant	K=0.1, 1, 10 or custom
	Stability Criteria	—
	Calibration Due Alarm	—
	Calibration Factor Display	—
	Hold Function	Manual or auto-endpoint
	Memory	—
	Communication Interface	—
	Connector	6-pin mini-DIN, 3.5 mm jack socket
	Display	Custom LCD (120×60mm)
	Power Requirements	9V DC power adapter
Dimensions	210 (L) × 205 (W) × 75 (H) mm	
Weight	1.5kg	

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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