



LABORATORY LINES

pH METERS



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KALSTEIN® Benchtop Multiparameter

Model YR01835



YR01835 Benchtop Multiparameter Water Quality Meter

High-accuracy multiparameter water quality meter contains 15 optional parameters, the meter is suitable for measuring the pH, ORP, ion concentration, conductivity, TDS, salinity, resistivity and dissolved oxygen of the samples.

pH Mode:

- Multiparameter water quality meter is equipped with a large backlit LCD display.
- 1 to 5 points push-button calibration with auto-buffer recognition.
- Selectable pH buffer group (USA/NIST/DIN) or using the custom calibration solutions.
- Automatic electrode diagnosis with pH slope and offset display.

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.

Ion Mode:

- 2 to 5 points calibration, containing the 8 concentration points can be selected.
- Automatically recognizes the ion selective electrode, does not need to specify type of ion.
- Direct ion concentration readout simplifies the measurement process.
- Selectable concentration units include the ppm, mg/L and mol/L.

Conductivity/TDS/Salinity/Resistivity Modes:

- 1 to 5 points calibration, automatically recognizes the conductivity standard solutions.
- Selectable cell constant (0.1/1/10), reference temperature (20°C/25°C), TDS factor, linear

and pure water compensations, seawater and practical salinity measurement modes.

Dissolved Oxygen Mode:

- 1 or 2 points calibration using the air-saturated water or zero oxygen solution.
- Salinity and barometric pressure compensations ensure the reliable DO measurements.

Other Features:

- Automatic Temperature Compensation provides accurate reading over the entire range.
- Calibration Due Alarm prompts user to calibrate the meter regularly.
- Stability indicator shows when a measurement is recognized as stable.
- Auto-Hold feature senses and locks the measurement endpoint.
- Calibration report provides the details of the calibration standard and electrode slope.
- Setup menu allows setting the 15 parameters, including the number of calibration points, stability criteria, temperature unit, auto-power off, etc.
- Reset feature automatically resumes all settings back to factory default options.
- Expanded memory stores and recalls up to 500 data sets.
- Stored readings can be transferred into the computer by USB communication interface.



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KALSTEIN® Benchtop Multiparameter

Model YR01835



pH	Range	-2.000-20.000pH	✓
	Accuracy	±0.002pH	✓
	Resolution	0.001, 0.01, 0.1pH, selectable	✓
	Calibration Points	1 to 5 points	✓
	pH Buffer Options	USA, NIST, DIN or custom	✓
mV	Range	±1999.9mV	✓
	Accuracy	±0.2mV	✓
	Resolution	0.1, 1mV, selectable	✓
	Calibration Points	1 point	✓
Ion	Range	0.001-19999 (Depending on the range of ISE)	✓
	Accuracy	±0.5% F.S (Monovalent), ±1% F.S (Divalent)	✓
	Resolution	0.001, 0.01, 0.1, 1, automatic	✓
	Calibration Points	2 to 5 points (0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000)	✓
	Measurement Units	ppm, mg/L, md/L, mmol/L	✓
Conductivity	Range	0.01-20.00, 200.0, 2000µS/cm, 20.00, 200.0mS/cm	✓
	Accuracy	±0.5% F.S	✓
	Resolution	0.001, 0.01, 0.1, 1, automatic	✓
	Calibration Points	1 to 5 points	✓
	Calibration Solutions	10µS/cm, 84µS/cm, 1413µS/cm, 12.88mS/cm, 111.8mS/cm	✓
	Temperature Coefficient	Linear (0.0-10.0%/°C) or pure water compensation	✓
	Cell Constant	K=0.1, 1, 10 or custom	✓
	Reference Temperature	20°C or 25°C	✓
TDS	Range	0-10.00, 100.0, 1000ppm, 10.00, 100.0ppt (Max. 200ppt)	✓
	Accuracy	±1% F.S	✓
	Resolution	0.01, 0.1, 1, automatic	✓
	TDS Factor	0.1-1.0 (Default 0.5)	✓
Salinity	Range	0.00-80.00ppt, 0.00-42.00psu	✓
	Accuracy	±1% F.S	✓
	Resolution	0.01	✓
Resistivity	Range	0.00-20.00MΩ	✓
	Accuracy	±1% F.S	✓
	Resolution	0.01	✓
DO	Range	0.00-20.00mg/L, 0.0-200.0%	✓
	Accuracy	±0.2mg/L, ±2.0%	✓
	Resolution	0.01mg/L, 0.1%	✓
	Calibration Points	1 or 2 points	✓
	Barometric Pressure Correction	60.0-112.5kPa, 450-850mmHg, manual	✓
	Salinity Correction	0-50g/L, manual	✓
General	Temperature Compensation	0-100°C, 32-212°F, manual or automatic	✓
	Memory	Stores up to 500 data sets, USB communication interface	✓
	Power Requirements	DC5V, using AC adapter, 220V/50Hz	✓
	Dimensions & Weight	210(L)×188(W)×60(H)mm, 1.5kg	✓



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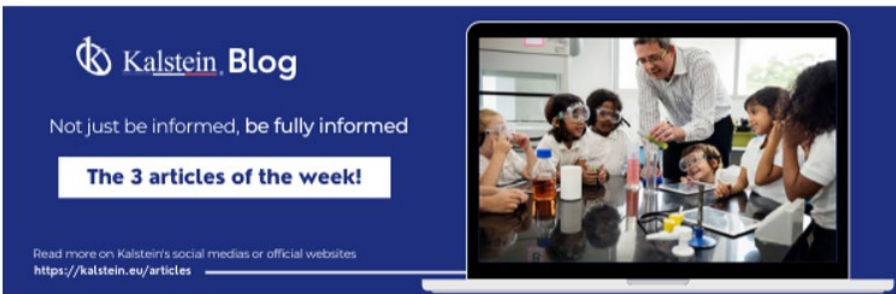
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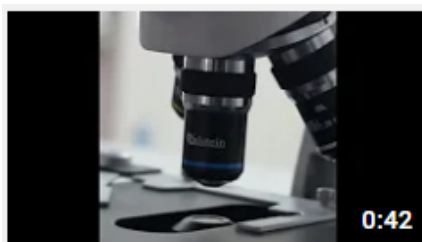
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