

## LABORATORY LINES pH METERS







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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®** Benchtop **pH/ORP Meter**

CE

#### Model YR01823



#### **Features**

A pH meter is an instrument used to measure acidity or alkalinity of a solution - also known as pH. pH is the unit of measure that describes the degree of acidity or alkalinity. It is measured on a scale of 0 to 14.

#### pH Mode:

- ✓ High-accuracy benchtop pH 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.
- $\checkmark$ Automatic Temperature Compensation provides accurate reading over ✓ P11 pH Electrode: For the general applications the entire range.
- ✓ Calibration Due Alarm prompts user to calibrate the meter regularly.

#### **ORP Mode:**

- ✓ 1 point offset calibration allows adjusting the displayed value to a ✓ P13 pH Electrode: For the micro-volume samples known standard.
- Relative and absolute millivolt modes provide the reliable ORP✓ P16 pH Electrode: For the Tris buffers  $\checkmark$ measurements.

#### **Other Features:**

- ✓ Stability indicator shows when a measurement is recognized as stable.
- ✓ Auto-Hold feature senses and locks the measurement endpoint.
- Setup menu allows setting the 9 parameters, including the number of 502 ORP Electrode: For the sample with weak redox potential  $\checkmark$ calibration points, resolution, stability criteria, temperature unit, autopower 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.

#### **Optional Accessories**

- ✓ P11-LiCl pH Electrode: For the non-aqueous samples
- ✓ P11-HA pH Electrode: For the high alkalines samples
- ✓ P11-NA pH Electrode: For the biofuels
- ✓ P12 pH Electrode: For the sample in the test tube
- ✓ P15 pH Electrode: For the low conductivity samples
- ✓ P18 pH Electrode: For the slurries and soils
- ✓ P19 pH Electrode: For the semisolids
- ✓ P21 pH Electrode: For the colloids
- P22 pH Electrode: For the high temperature samples
- ✓ 501 ORP Electrode: For the sample with strong redox potential

  - Temperature Probe: Special-purpose temperature sensor
- ✓ pH Buffer Solutions: 480mL/bottle.



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## KALSTEIN® Benchtop pH/ORP Meter

Model YR01823

|                      | Model                    | YR01823                          |
|----------------------|--------------------------|----------------------------------|
| Ы                    | 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 |
| 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          |
|                      | Memory                   | 500 data sets                    |
|                      | Communication Interface  | USB                              |
|                      | Connector                | BNC, 3.5mm jack socket           |
|                      | Display                  | Custom LCD (125×100 mm)          |
|                      | Power Requirements       | DC5V power adapter               |
|                      | Dimensions               | 210(L)×188(W)×60(H)mm            |
|                      | Weight                   | 1.5kg                            |



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#### Official Websites for Latin America.

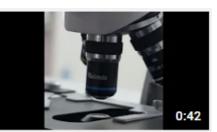


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