

## Benchtop pH/Ion Meter



**Model : YR01826**  
**Benchtop pH/Ion Meter**  
**Manufacturer : Kalstein**  
**Price : \$ 1,695.00**

**Description :**

YR01826 Benchtop pH/Ion Meter

High-accuracy benchtop pH/Ion meter, 5 points calibration, selectable concentration unit. The meter is suitable for measuring the pH, mV and ion concentration of the samples.

**PH Mode:**

- High-accuracy benchtop pH/ion 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.
- Automatic Temperature Compensation provides accurate reading over the entire range.

**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 electrodes, does not need to specify type of ion.
- Automatic electrode diagnosis shows the details of the calibration point and slope.
- Direct ion concentration readout simplifies the measurement process.
- Selectable concentration units include the ppm, mg/L and mol/L.

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### Other Features:

- 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.
- Setup menu allows setting the 10 parameters, including the number of calibration points, resolution, 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.

[Specifications](#)[Order Information](#)[Optional Accessories](#)[Packaging](#)

[Parameters by Model](#)

## Benchtop pH/Ion Meter

<b>Model</b>	YR01826
<b>pH</b>	
<b>Range</b>	-2.000-20.000pH
<b>Accuracy</b>	±0.002pH
<b>Resolution</b>	0.1/0.01/0.001pH, selectable
<b>Calibration Points</b>	1 to 5 points
<b>pH Buffer Options</b>	USA, NIST, DIN or Custom
<b>mV</b>	
<b>Range</b>	-1999.9~1999.9mV
<b>Accuracy</b>	±0.2mV
<b>Resolution</b>	0.1/1mV, selectable
<b>Calibration Points</b>	1 point
<b>Measurement Modes</b>	Relative or Absolute mV
<b>Ion</b>	
<b>Range</b>	0~19999ppm, mg/L, mol/L (Depend on the range of ISE)
<b>Accuracy</b>	±0.5% F.S (Monovalent), ±1% F.S (Divalent)
<b>Resolution</b>	0.001/0.01/0.1/1
<b>Calibration Points</b>	2 to 5 points
<b>Calibration Solutions</b>	0.001/0.01/0.1/1/10/100/1000/10000ppm, mg/L, mol/L
<b>Temperature</b>	
<b>Range</b>	0~105°C, 32~221°F
<b>Accuracy</b>	±0.5°C
<b>Resolution</b>	0.1°C
<b>Calibration Points</b>	1 point
<b>Temperature Units</b>	°C or °F
<b>General</b>	
<b>Temperature Compensation</b>	0~100°C, 32~212°F, Manual or Automatic
<b>Data Hold</b>	Manual or Automatic endpoint detection
<b>Stability Criteria</b>	Low or High
<b>Calibration Due Alarm</b>	1 to 31 days
<b>Reset Function</b>	Yes
<b>Memory</b>	Stores up to 500 data sets
<b>Output</b>	BNC
<b>Connector</b>	USB communication interface
<b>Display</b>	LCD
<b>Power Requirements</b>	DC5V, using AC adapters, 220VAC/50Hz
<b>Dimensions</b>	210(L)×188(W)×60(H)mm
<b>Weight</b>	1.5kg