

# Basic pH Meter

pH • mV • Temperature Meter

**Basic Meter.**  
The simplicity  
you want with the  
precision you need.



**Four keys do it all!** Press the pH/mV key to toggle between pH and mV modes. Press the standardize key to auto-recognize a buffer or create a relative mV offset. Press Setup to clear buffers, check slope or select buffer set. Use Enter key to accept your changes.

**Display is easy to read!** Large display shows current pH or mV reading as well as the temperature and all buffers currently in use. A stability icon lets you know when your readings are stable.

**Select a kit with the best electrode for your application.**

The standard Basic kit includes the meter, base, arm, power supply and "3-in-1" plastic-body pH/ATC combination electrode.

The Basic-Bio kit includes the meter, accessories and a "3-in-1" glass-body high performance combination electrode which is TRIS compatible. The Denver Basic-Bio kit is perfect for biotech applications.

- Accepts up to 3 calibration points
- Automatic buffer recognition of 22 buffers from 4 sets
- Automatic temperature compensation with active reading
- Simultaneous display of measurement, temperature, stability icon and current buffers entered

## Specifications/Ordering Information

<b>pH</b>	Range	-1.99 to +19.99
	Resolution	0.01
	Accuracy	±0.005
<b>mV</b>	Range	-1800.0 to +1800.0
	Resolution	0.1
	Accuracy	±0.3
<b>Temp</b>	Range	-5° to +105.0°C
	Accuracy	±0.4°C
	Compensation	Automatic, -5.0 to +105.0°C Manual at 20 or 25°C
<b>Slope Control</b>	Automatic, 90 to 105%	
<b>Power Requirements</b>	115V 50/60Hz (Other voltages available)	
<b>Environmental Conditions</b>	15 - 40°C @ 0 - 90% Relative Humidity	

## Ordering Information

Denver BASIC kit includes: BASIC meter, power supply, electrode support arm and base, plastic-body Ag/AgCl combination pH/ATC electrode, instruction manual.

Denver BASIC-Bio kit includes: BASIC meter, power supply, electrode support arm and base, glass-body Tris-compatible combination pH/ATC electrode, instruction manual.

Meter only includes: BASIC meter, power supply, electrode arm and manual.

<b>Basic Meter with Kit</b>	<b>Cat. No. 9209.X</b>
<b>Basic-Bio with Kit</b>	<b>Cat. No. 9240.X</b>
<b>Basic Meter Only</b>	<b>Cat. No. 9219.X</b>



Denver Instrument Company

# Basic pH Meter Accessories

## High-Performance Electrodes

### pH/ATC Combination Electrodes



**pH/ATC Epoxy-body Combination Electrode** 300728.1  
3M KCl liquid filled. BNC and 2.5 mm phone plug connector. Standard on Denver Basic Meter.



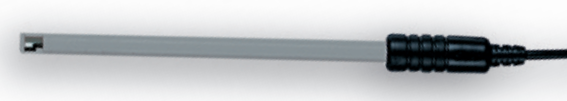
**Flat-Surface Combination Electrode** 300737.1  
Gel-filled with BNC. For small samples or surface measurements.



**pH/ATC Glass-body Combination Electrode** 300729.1  
3M KCl liquid filled. BNC and 2.5 mm phone plug connector. Standard on Denver 200 series and Basic-Bio Meter. TRIS buffer compatible.



**Glass-body Combination Electrode** 300731.1  
3M KCl liquid filled with BNC connector. Tris buffer compatible.



**Solid State FET pH/ATC Combination Electrode** 300758.1  
Gel-filled with multi-pin DIN connector for use on Denver 200 Series Meter



**Gel-filled Plastic-body Combination Electrode** 300735.1  
Low electrode maintenance. BNC connector.



**High-Performance Sleeve-Junction Combination Electrode** 300738.1  
3M KCl liquid filled with BNC. For non-aqueous or low ionic strength samples



**Automatic Temperature Compensation (ATC) Probe** 300733.1  
2.5 mm phone plug connector for 200 series and Basic meters.



**Micro Glass-body Combination Electrode** 300736.1  
5 mm diameter, liquid filled with BNC. Great for test tubes.



**Denver Instrument Company**

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