



## Benchtop pH Meters Ion Analyzers with RS-232C Interface

PHI-359  
**\$1260**



- ✓ Direct Concentration Readings
- ✓ Autocalibration for Ion Concentration and pH
- ✓ Recorder Output
- ✓ RS-232C Output

The model PHI-359 benchtop analyzer provides both ion concentration and pH measurements. In the ion measuring mode, the PHI-359 displays measurements in direct concentration values, eliminating the need for evaluating mV values. In the ion concentration calibrating mode, the meter calculates the relationship between two standards and stores this in memory; this avoids the need to manually plot a calibration curve.

### Specifications

#### Measurement Range:

**Concentration:** 0.001 to 1990

**pH:** 0 to 14 pH

**mV:**  $\pm 400$  mV or  $\pm 2000$  mV (Autoranges)

**Temperature:** -30 to 130°C (-22 to 266°F)

#### Accuracy:

**Concentration:**  $\pm 0.5\%$

**pH:**  $\pm 0.02$  pH

**mV:**  $\pm 0.2\%$   $\pm 1$  digit

**Temperature:**  $\pm 0.3^\circ\text{C}$

#### Resolution:

**Concentration:** To 0.001

**pH:** 0.02

**mV:** 0.1 mV or 1 mV

**Temperature:** 0.1°C

**Calibration:** Automatic or Manual

#### Automatic Calibration:

**Concentration:** 2 points

**pH:** Recognizes buffers 4, 7 and 10

**Temperature Compensation:** Automatic or Manual, 0 to 99.9°C (32 to 212°F)

**Recorder Output:** 0 to 200 mV

**RS-232C Output:** 1200 baud

**Manual Mode:** Output of pH, ion and temperature values

**Automatic Mode:** Output of all parameters on demand

**Power:** 9 V battery or 115 Vac adaptor (included)

**Display:** 12.7 mm (0.5") LCD

**Meter Dimensions:** 211 L x 305 W x 104 mm H (8.3 x 12 x 4.1")

**Meter Weight:** 2.9 kg (6.4 lb)



PHI-359, \$1260, shown smaller than actual size.



PHI-359 supplied with pH and temperature probes.



**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

### To Order (Specify Model Number)

Model No.	Price	Description
PHI-359	\$1260	pH/Ion meter with accessories

### Replacement Accessories

Model No.	Price	Description
PHE-4201	\$51	Clear, epoxy-bodied gel-filled combination pH electrode
PHAT-3016	80	Temperature probe
PHA-3067	110	Flexible third arm stand
FW-332	79	Reference Book: Advanced pH Measurement and Control

Includes epoxy-bodied general purpose pH electrode, temperature probe, ac power adaptor, flexible arm stand and operator's manual.

**Ordering Example:** PHI-359, benchtop pH/ion meter with accessories with PHE-4201, replacement clear, epoxy-bodied gel-filled combination pH electrode, \$1260 + 51 = \$1311

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