



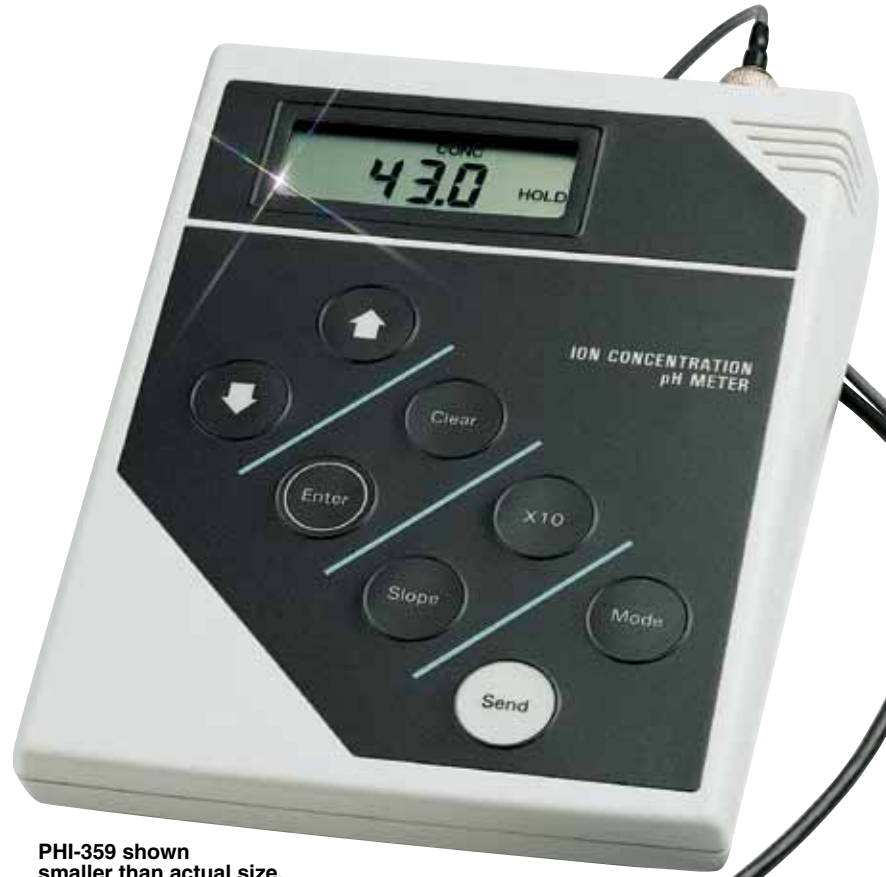
## Benchtop pH Meters Ion Analyzers with RS-232C Interface

### PHI-359



- ✓ 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.



PHI-359 shown smaller than actual size.

### 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  $130^{\circ}\text{C}$   
( $-22$  to  $266^{\circ}\text{F}$ )

#### 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:  $0.1^{\circ}\text{C}$

Calibration: Automatic or Manual

#### Automatic Calibration:

Concentration: 2 points

pH: Recognizes buffers 4, 7 and 10

Temperature Compensation: Automatic or Manual,  $0$  to  $99.9^{\circ}\text{C}$  ( $32$  to  $212^{\circ}\text{F}$ )

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

PHI-359 supplied with pH and temperature probes.



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)

### To Order

Model No.	Description
PHI-359	pH/Ion meter with accessories

### Replacement Accessories

Model No.	Description
PHE-4201	Clear, epoxy-bodied gel-filled combination pH electrode
PHAT-3016	Temperature probe
PHA-3067	Flexible third arm stand

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.