Benchtop pH Meters Ion Analyzers with RS-232C Interface

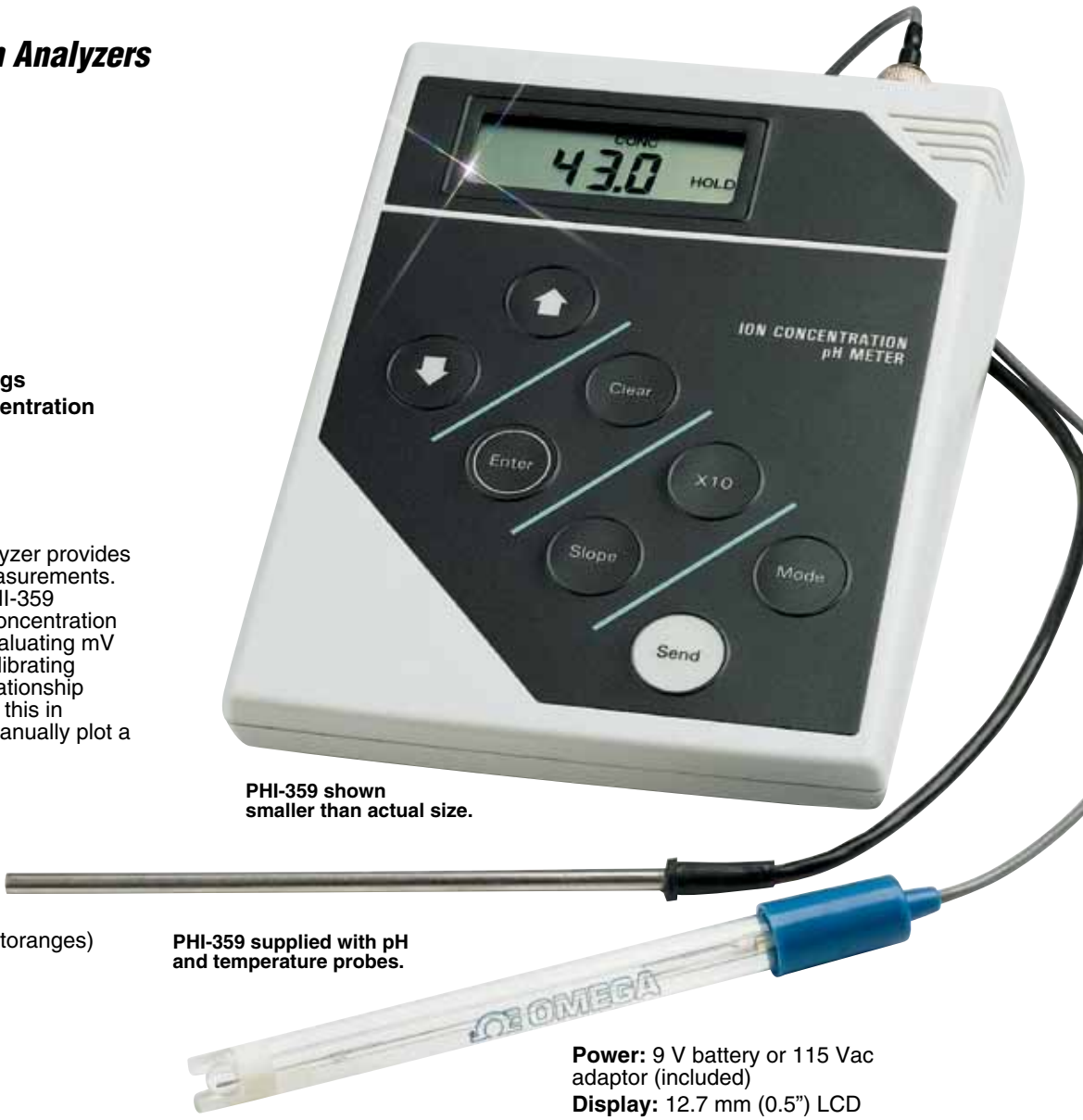
PHI-359

1 YEAR WARRANTY

Electronics Only

- **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.

PHI-359 supplied with pH and temperature probes.

Specifications

Measurement Range:
Concentration: 0.001 to 1990
pH: 0 to 14 pH
mV: ±400 mV or ±2000 mV (Autoranges)
Temperature: -30 to 130°C (-22 to 266°F)

Accuracy:
Concentration: ±0.5%
pH: ±0.02 pH
mV: ±0.2% ±1 digit
Temperature: ±0.3°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)

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.*