

# Portable pH/Conductivity/Ion Meters

- ✓ **High Accuracy**  
±0.002 pH, ±0.1mV
- ✓ **Waterproof to 1 Meter (3.28') (IP67 Rated)**
- ✓ **Extensive Data Logging Capabilities**
- ✓ **Easy-to-Read 21 Character, 16-Line Alphanumeric LCD Display**

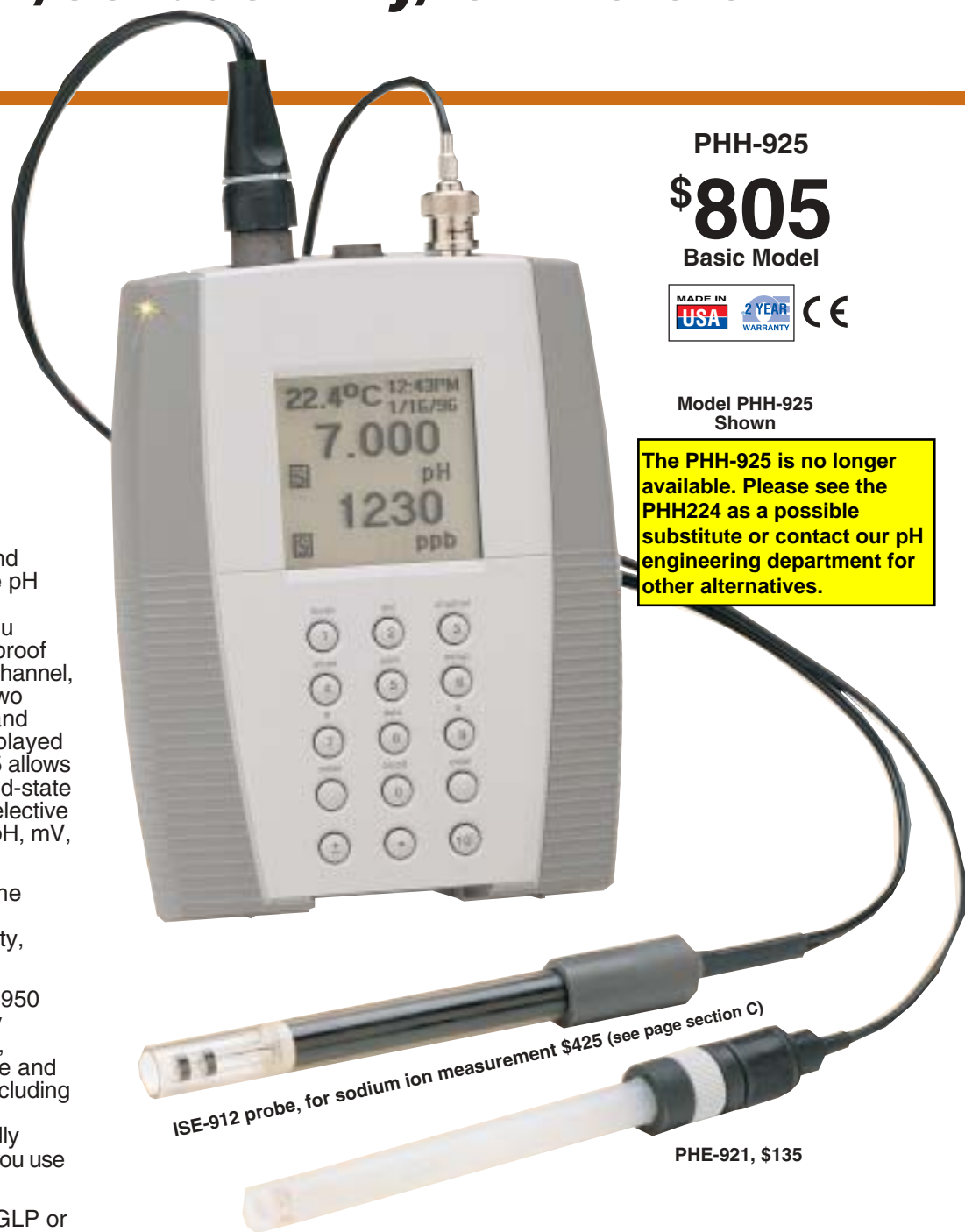
OMEGA® Series PHH-925 and PHH-950 Advanced Portable pH Meters, offer research-grade accuracy and advanced menu operation in a rugged, waterproof meter. Both models are dual-channel, dual-input meters, allowing two electrodes to be connected and two measurements to be displayed simultaneously. The PHH-925 allows the use of both glass and solid-state FET pH electrodes and ion selective electrodes. It also measures pH, mV, ion and FET pH.

The versatile PHH-950 has the ability to measure pH, ion, conductivity, resistivity, salinity, and total dissolved solids.

Both the PHH-925 and PHH-950 series perform dedicated key operations like standardizing, changing measurement mode and checking electrode quality (including efficiency or slope). These advanced meters automatically recognize the electrode type you use as soon as you plug it in.

Time and date stamping for GLP or ISO documentation are provided through the built-in clock/calendar. User-friendly prompts and error messages tell you precisely what you need to do in order to obtain accurate measurements. The easy-to-read display is highly visible with 21-character readout and 16-line alphanumeric display of its 12.7 mm (0.5") characters.

These ergonomically advanced portable pH meters are housed in a rugged, waterproof case complete with soft, non-slip rubber grips to fit firmly in the palm of



PHH-925

**\$805**

Basic Model



Model PHH-925 Shown

The PHH-925 is no longer available. Please see the PHH224 as a possible substitute or contact our pH engineering department for other alternatives.

ISE-912 probe, for sodium ion measurement \$425 (see page section C)

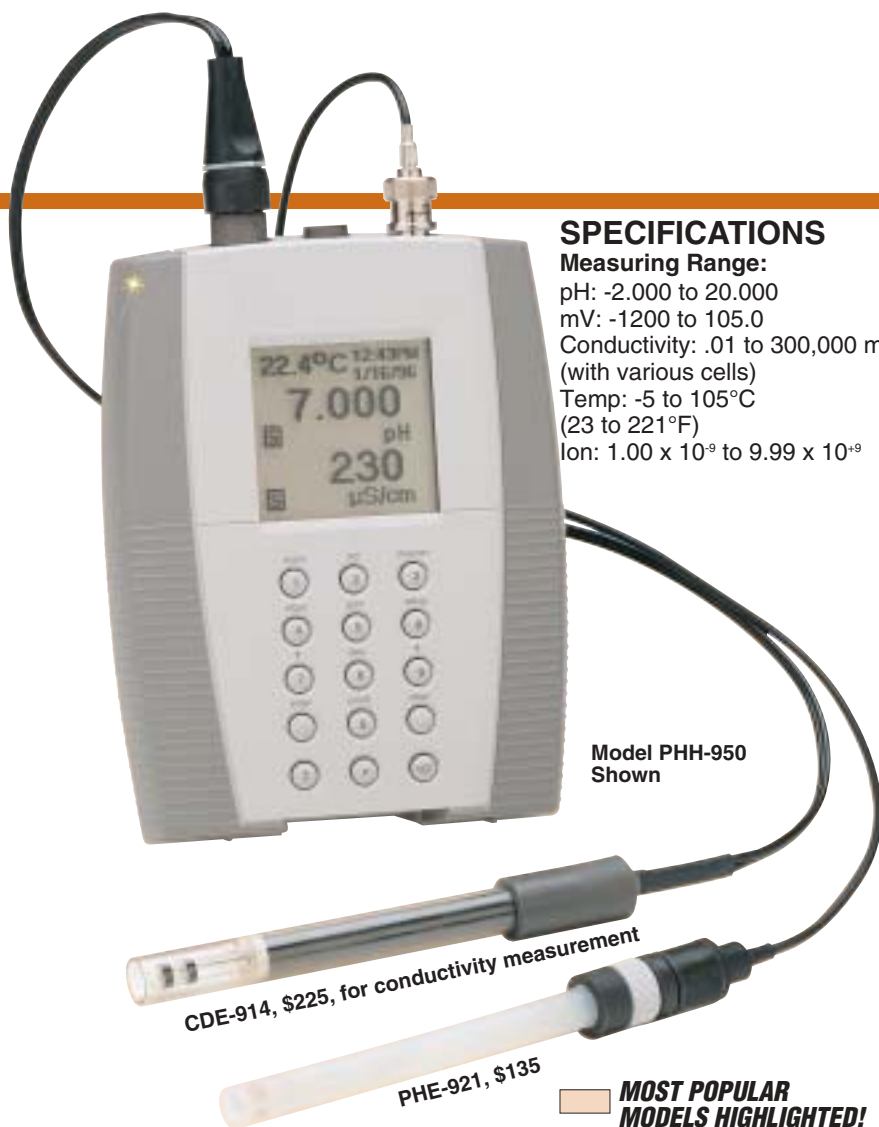
PHE-921, \$135

either hand. Operating options allow you to customize for your application:

- Programmable resolution allows you to select up to three decimal places in pH or three significant figures in ion and conductivity modes.
- Multiple slope standardizations permit entry of up to five standards in pH, ion, and conductivity modes.
- Multiple electrode standardizations allow you to store standardizations for two pH electrodes (1 for each

input channel), 2 ORP electrodes (relative mV), five different ion-selective electrodes with ion names and units of measurement, solid-state FET pH electrode (PHH-925 only), or conductivity cell (PHH-950 only).

The units extensive datalogging capability stores up to 250 data points—each with result, unit, temperature, date, time and sample number.



**SPECIFICATIONS**

**Measuring Range:**

pH: -2.000 to 20.000  
 mV: -1200 to 105.0  
 Conductivity: .01 to 300,000 mS/cm  
 (with various cells)  
 Temp: -5 to 105°C  
 (23 to 221°F)  
 Ion: 1.00 x 10<sup>-9</sup> to 9.99 x 10<sup>-9</sup>

**Accuracy:**

pH: ±0.002 pH  
 mV: ±0.1 mV  
 Temp: ±0.4°C (±0.7°F)  
 Ion: ±0.17n% (n = ion charge)  
 Conductivity: 0.5% of reading

**Resolution:**

pH: 0.001 pH  
 mV: 0.1 mV  
 Temp: 0.1°C (±0.2°F)  
 Ion: 1 to 3 significant figures  
 Conductivity:  
 1 to 3 significant figures

**Temperature Compensation:**

Automatic or Manual

**Auto Sleep Mode:** Programmable or OFF

**Operating Conditions:**

0 to 40°C (32 to 104°F),  
 waterproof to 1 meter (3.28')

**Dimensions:**

125 W x 170 H x 45 mm D  
 (4.9 x 6.7 x 1.8")

**Weight:** 480g (17 oz.) with batteries

**Power Requirement:**

4AA alkaline cells, allowing up to  
 2400 readings with auto-off  
 (40 hrs total operating time)

**Electrode Connections:**

BNC connector, reference pin jack, and  
 waterproof twist-lock input connector

Model PHH-950  
Shown

CDE-914, \$225, for conductivity measurement

PHE-921, \$135

**MOST POPULAR  
MODELS HIGHLIGHTED!**

**To Order (Specify Model Number)**

Model No.	†PHH-925/PHH-925-KIT	†PHH-950/PHH-950-KIT
<b>Price</b>	<b>\$805/\$895</b>	<b>\$1365/\$1455</b>
<b>Modes</b>	pH, mV, ion, FET pH FET mV, temperature	pH, mV, ion, resistivity, conductivity (conductivity cell sold separately, salinity, total dissolved solids, temperature
<b>Glass Electrode Input</b>	Yes, BNC & twist-lock	Yes, BNC & twist-lock
<b>FET Electrode Input</b>	Yes	No

†Meters can be purchased individually.

**Ordering Example:** PHH-925-KIT, includes meter, electrode, batteries and complete user's manual, \$895;  
 PHH-925, meter only \$805.

Model No.	Price	Description
<b>PHE-921</b>	<b>\$135</b>	pH/ATC combination electrodes, liquid silver/silver chloride reference with twist lock connector
<b>PHAT-925</b>	<b>140</b>	Stainless steel ATC temperature probe

**Conductivity (Not Included with PHH-950-KIT; Cells Sold Separately)**

Model No.	Price	Description
<b>CDE-913</b>	<b>\$250</b>	Epoxy probe, twist lock connector, 0.1 cell constant
<b>CDE-914</b>	<b>225</b>	Epoxy probe, twist lock connector, 1.0 cell constant
<b>CDE-915</b>	<b>225</b>	Epoxy probe, twist lock connector, 10.0 cell constant



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1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

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#### CZECH REPUBLIC

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