

# Model 225

## pH/mV/ISE Meter

The perfect meter for ion-selective analysis, plus pH, mV and °C!

- Three electrode inputs
- Simultaneous three channel measurements
- Direct and indirect ISE readouts
- Direct reading with glass or FET electrodes

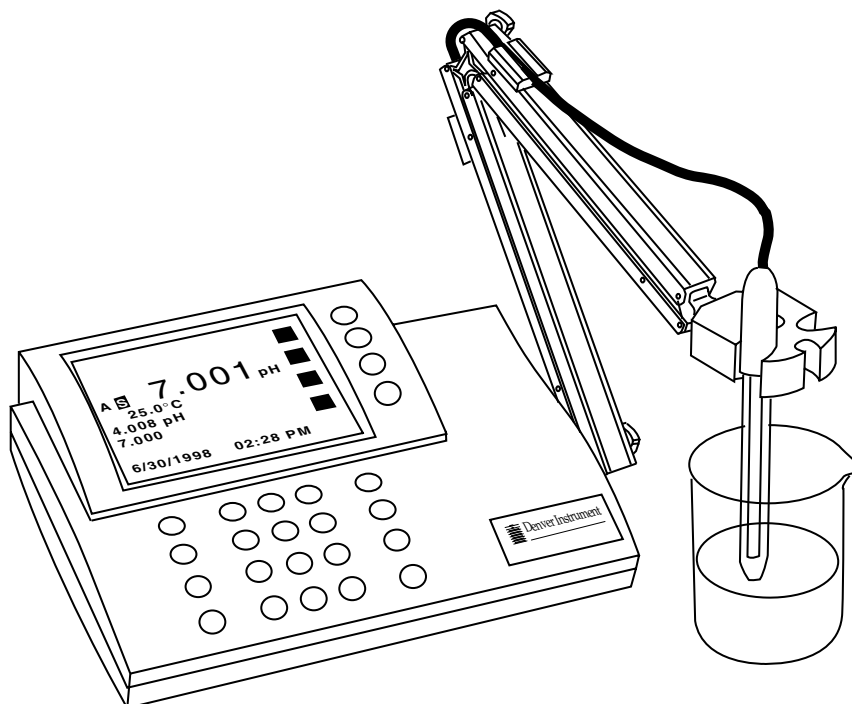
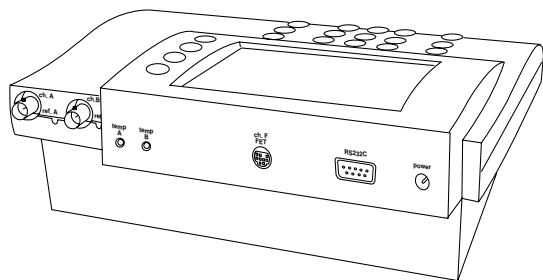
**Displays direct ISE readout in units of your choice!** This versatile meter provides ion measurements in ppt, ppm, ppb, %, mg/mL, mg/L, moles/L and generic ion units. Select one of the 18 pre-programmed ions, or enter your own ion name and units. Enter up to seven standards, using fixed- or floating-point notation. For difficult analysis, the Model 225 prompts you, step-by-step, through known-addition or subtraction methods for indirect ion measurement.

This meter offers research-grade pH and mV measurements, automatically recognizes and temperature corrects 22 different pH buffers, or allows a custom set of five buffers for auto-recognition and auto-entry, or manually enter buffers. Electrodes and buffers are checked automatically, too. Easy-to-use menus and prompts, with automatic error checking, help ensure accurate measurements.

**Complete documentation to meet GLP requirements!** The Model 225 allows you to calibrate with up to five different buffers or seven ion standards for greater accuracy. Each buffer is stored with complete documentation, including time and date, and all calibration information can be viewed or printed to meet GLP/ISO requirements. Each standard entered prints a complete GLP report.

You can plot the calibration data on the large, graphic display, then send displayed or stored data to a printer or computer; including the result, units, ion name (in ion mode), time, date, temperature and stability indication, plus a unique sample identification.

**Multiple electrode inputs.** Three complete sets of electrode inputs including two BNC, two reference, two ATC inputs and one FET multi-pin pH/ATC input.



### Specifications

Modes	Ion	pH	mV	Temp
Range	1.00x10 <sup>-9</sup> to 9.99 x 10 <sup>9</sup>	2.000 to 20.000	±1800.0	-5.0 to to +105.0°C
Resolution	1, 2 or 3 significant digits	0.1/0.01/0.001	1/0.1	0.1
Accuracy	± 0.17n%	±0.002	± 0.1	±0.3
Temperature Compensation	Automatic or manual, from -5° to 105°C			
Slope Control	Automatic, 90 to 105%, manual, 80 to 110%			
Environmental Conditions	15° to 40°C, 0 to 90% (noncondensing) Relative Humidity			
Power Requirements	115V 50/60Hz (Additional voltages available)			

### Ordering Information

Meter with kit includes: Meter, power supply, high performance glass-body pH/ATC Free-flow Platinum Junction electrode, electrode arm and operation manual.

The Meter only includes: Meter, power supply, electrode arm and operation manual.

**Meter with Kit** Cat. No. 02-226-113

**Meter Only** Cat. No. 02-226-161

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