



"I need a compact bench pH meter designed for use in the classroom."

# All In One pH Bench Meters

The Hanna Instruments HI207 and HI208 pH Bench Meters have been designed to meet the needs of a busy classroom environment. The compact design of the meters utilises minimal space on the desktop and they can be powered either via the mains or by battery for standalone use. Easy to set up and store, the HI207 and HI208 are a cost effective and efficient choice for pH testing in any education establishment.

## KEY FEATURES

- Built-in magnetic stirrer (HI208 only)
- Built-in beaker holder and beaker-top electrode holder
- pH electrode with temperature sensor
- Dual level LCD display
- Automatic calibration
- °C and °F temperature scales
- Mains and battery operated
- Compact design optimises desktop space
- Easy set-up and storage



HI207/208



## Educational pH Testing - **HANNA** has the solution

*The HI208 has a built-in magnetic stirrer, offering the ability to measure pH with automatic stirring of the sample*



### Product specification

Product name	All In One pH Bench Meters
Product code	HI207/208
Temperature range	-5.0 to 105°C or 23.0 to 221.0°F
pH accuracy at 20°C	±0.02pH
Temperature accuracy at 20°C	±0.5°C up to 60°C; ±1 up to 105°C or 1°F up to 140°F; ±2°F up to 221°F
pH resolution	0.01pH
Temperature resolution	0.1°C or 0.1°F
pH calibration	Automatic 1 or 2 points with 2 sets of memorised buffers (4.01, 7.01, 10.01 or 4.01, 6.86, 9.18)
Temperature compensation	Automatic from 0.5 to 105.0°C (23 to 221.0 °F)
pH electrode	HI1291D with built-in temperature probe (included)
Built-in magnetic stirrer	HI208 only
Power supply	12 VDC adapter (included)
Battery type/life	1 x 9V battery gives 500 hours continuous use (without stirrer)
Environment	0 to 50°C (32 to 122°F) 95% RH
Dimensions	190 x 105 x 50mm

### How it works

Featuring a unique compact design, the HI207 and HI208 come with combined pH/temperature electrode, sample/stir beaker and magnetic follower. In addition the HI208 has a useful built-in magnetic stirrer, offering users the ability to measure pH with automatic stirring of the sample. Ideal for use in fume cupboards, classrooms, or in the field these mains powered meters are also equipped with battery power for standalone use away from a power source.

### Benefits to you

The Hanna HI207 and HI208 are an ideal choice for the classroom environment. Supplied complete with mains transformer, battery, pH/temperature electrode, stirrer bar, stirrer beaker and electrode holder, they offer excellent value for money.

Features common to both the HI207 and HI208 include a fully waterproof case and keyboard, clear dual level LCD display with icons for stability and buffer recognition, extended pH range, automatic pH calibration with two sets of memorised buffers, choice of °C or °F temperature readout and automatic temperature compensation as standard.

Available from



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