



# Rapid pH™ Plus Automated pH Meter

## High-Throughput, Accurate, Benchtop pH Measurement in Microplates and Small Vials in Minutes vs. Hours

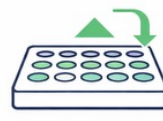
The Rapid pH™ Plus Automated 96 pH meter automates the measurement of pH in a wide variety of sample types in a 96-well format. The Rapid pH Plus allows samples to be processed in a fraction of the time for traditional manual methods and affords walk-away time to run unattended.

### Rapid pH Plus New Features

- Modern, intuitive software for easier, reproducible workflows
- Standard heated nest for integrated temperature control
- Improved run history and search capabilities
- Flexible data export to CSV, Excel, and XML
- SBS footprint compatible with standard plates and tubes



**Buffer Optimization**



**Downstream Purification**



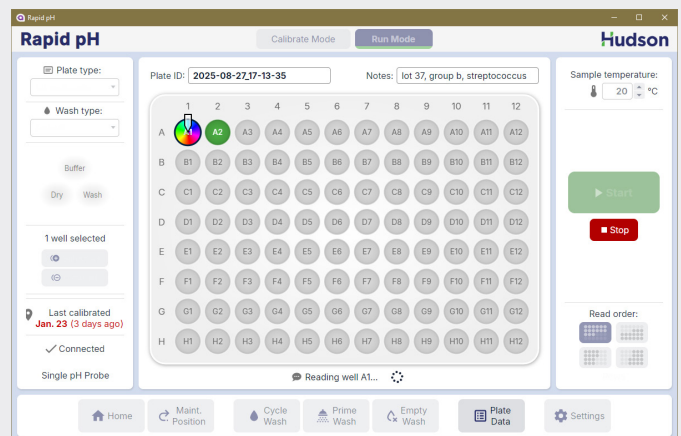
**Method Transfer**



**Quality Control**

Rapid pH™ Plus includes **Rapid pH Software 4.0**, featuring a redesigned, highly intuitive interface built to make automated pH measurement fast and easy to use. The software is designed around a plate-first workflow, allowing users to set up and run a full plate in just a few clicks. Clear well selection, read-order controls, and real-time run visibility make operation simple—even for new users.

- Flexible data export to CSV, Excel, and XML for integration with downstream systems
- Built-in integration API for instrument control and data access.
- User-defined wash protocols provide full control over probe cleaning.



## Rapid pH™ Plus is an investment that pays back quickly—

saving technician time, freeing up automation platforms, and reducing costly variability through consistent, automated pH measurement.

### Manual pH Meter

Requires constant attention

Manual data recording – error prone

Transcribe sample types manually

Cleaning – manual washing

### Rapid pH™ Plus

- Fully automated, walk-away for a full 96 well plate
- Automatic data reporting
- Import well by well sample descriptions
  - Export sample data and calibration information
  - Capture user name, date, time and other notes for sample plates and calibrations
  - Scan barcode to match to datafile
- Automatic washing



### Rapid pH™ Automated 96 pH Meter Enables pH Testing of Large Sets of Samples Not Possible with Traditional Meters

- Increase testing throughput
- Accurate to  $\pm 0.05$  pH
- Automated operation assures consistency of results
- Measurement range from 0.0 to 14.0 pH
- Fast calibration
- Completely automated protocols, requires no user intervention during operation
- Easily integrated into an automated system

### Rapid pH™ Plus Model Options:

#### Rapid pH™ Standard

Automated pH Measurement for aqueous samples in microplates.

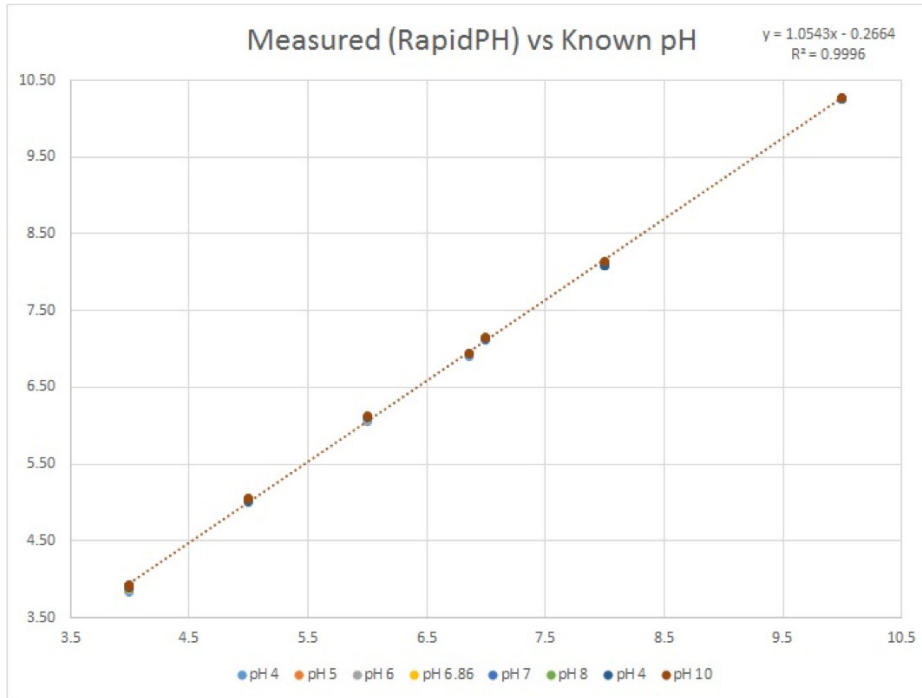
#### Rapid pH™ for Viscous Samples

Includes a specialized pH probe and enhanced wash station for viscous or challenging samples.

#### Rapid pH™ with 21 CFR Part 11 Compliance

Bundles compliance software for secure user access, audit trails, and regulated workflows.

## Consistent Rapid pH™ Results



Users who rely on pH measurements are often subject to inconsistent results among manually tested samples. Hudson’s Rapid pH™ Plus Automated 96 pH Meter solves this problem by assuring exact consistency of the probe storage, preparation and measurement processes. And, it is FAST!

### The Rapid pH™ Plus Automated pH Meter is ideal for measuring the pH of:

- Biological samples
- Cosmetics and personal care products
- Water samples
- Pharmaceutical samples

### Specifications

Size:	15"W x 13"H x 15"D
Weight:	24 lbs.
Power:	120/240 VAC; 50/60Hz
Air:	40-60 psi clean, dry air or N <sub>2</sub>
Computer Interface:	USB or Ethernet

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