Rapid_pH™ Automated pH Meter

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

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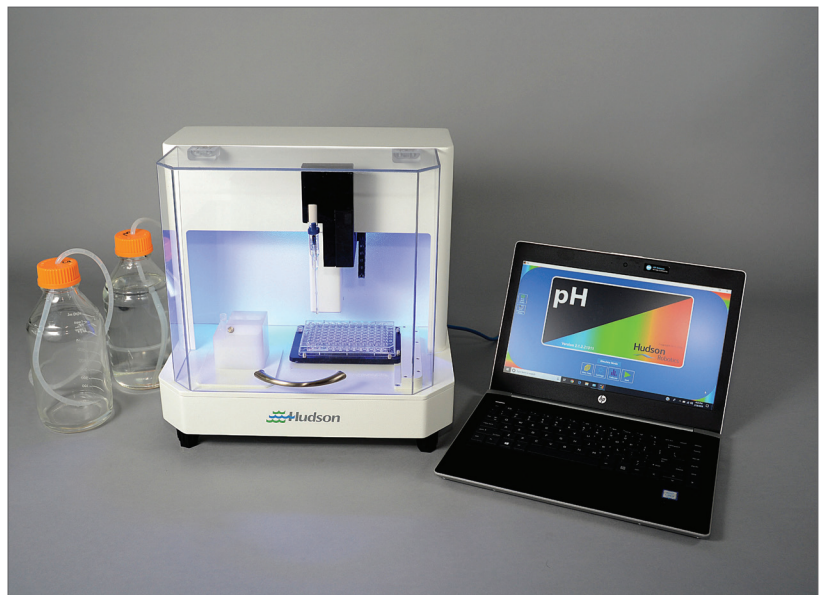
Manual pH Meter

Requires constant attention

Manual data recording – error prone

Transcribe sample types manually

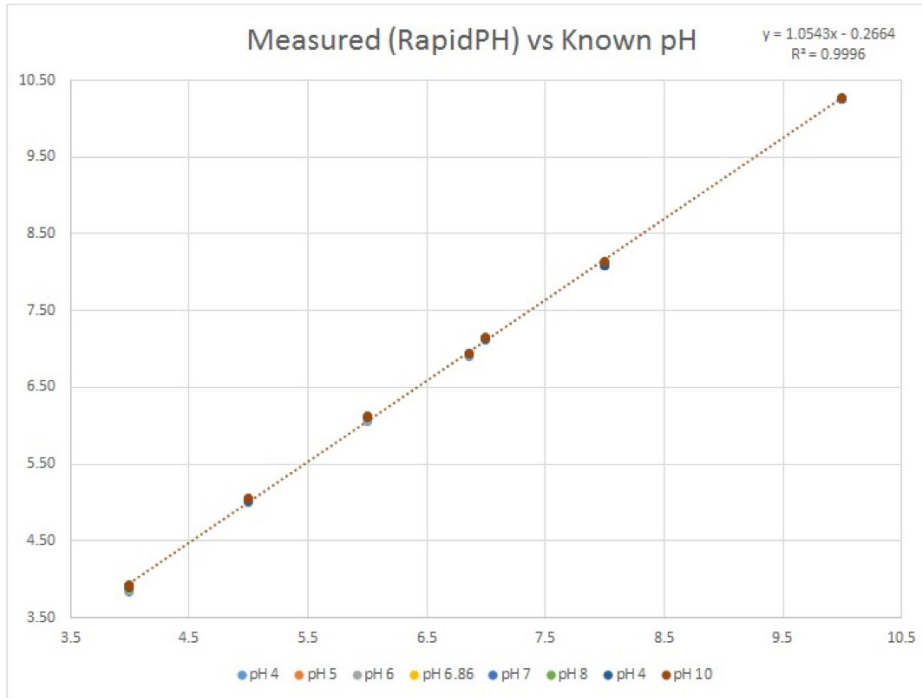Cleaning – manual washing

Rapid_pH™

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 +-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

Consistent Rapid_pH™ Results

Measured (RapidPH) vs Known pH

$y = 1.0543x - 0.2664$
$R^2 = 0.9996$

● pH 4   ● pH 5   ● pH 6   ● pH 6.86   ● pH 7   ● pH 8   ● pH 4   ● pH 10

Users who rely on pH measurements are often subject to inconsistent results among manually tested samples. Hudson Robotics' Rapid_pH™ 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™ Automated 96 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_2
Computer Interface:	USB or Ethernet