

Oakton® Advanced Benchtop pH 2700 and pH/Ion 2700 Meters Don't be out of compliance—meets GLP requirements!

- All calibration and stored data is stamped with time and date!
- Oversize, informative display shows all readings and measurement stability indicator
- Be more accurate—high 0.001 pH resolution with ± 0.002 pH accuracy
- Store and recall up to 500 sets of data—send data to a computer via the RS-232 port
- Meters automatically calculate and display electrode slope and offset—ideal for checking electrode quality
- Data logging intervals can be programmed into the meter for convenient continuous monitoring
- Programmable limit alarm alerts you when readings fall out of range
- Calibrate up to 6 points for pH using USA, NIST, DIN, or custom buffer sets
- Ion 2700 meter adds up to 8-point calibration for ISE measurement
- Prevent changes to meter setup and calibration with optional password protection
- View readings under dim conditions with bright backlight
- Informative display shows pH, Ion, Redox measurements together with temperature, electrode status, cal points, time and date all at once!
- Cal-due alarm lets you know when recalibration is necessary for measurement accuracy
- Visual stability indicator informs you when measurements have stabilized, eliminating guesswork
- Comprehensive self-diagnostics make troubleshooting a breeze

What's included: Electrode stand and 110 / 240 VAC power adapter.

Meters with probe add: ATC probe 35613-13, pH electrode 35805-04, and 60 mL of electrode fill solution.



35420-20
pH 2700 meter



Specifications

Range	pH	-2.000 to 20.000
	mV / Rel mV	± 2000
	ISE [†]	0.001 to 19,999 ppm
	Temperature	32.0 to 212.0°F (0.0 to 100.0°C)
Resolution	pH	0.001 / 0.01 / 0.1
	mV / Rel mV	0.1 mV
	ISE [†]	2 or 3 digits
	Temperature	0.1°F or °C
Accuracy	pH	$\pm 0.002 + 1$ LSD
	mV / Rel mV	± 0.2 mV
	ISE [†]	$\pm 0.5\%$ of rdg (monovalent); $\pm 1\%$ of rdg (divalent)
	Temperature	$\pm 0.5^\circ\text{F}$ ($\pm 0.3^\circ\text{C}$)
Calibration	pH	Up to 6 points with autobuffer recognition
	mV / Rel mV	Up to ± 150 mV offset adjustment
	ISE [†]	Up to 8 concentration standards
Temperature compensation		Automatic or manual from 32 to 212°F (0 to 100°C)
Buffer recognition		USA, NIST, DIN or custom buffer sets
Slope control		80 to 120%
Data logging		500 data sets with time-and-date stamp
Output		RS-232
Display		3 1/4" x 2 7/16" (83 x 62 mm) graphic LCD, backlit
Dimensions (L x W x H)		6 1/8" x 6 7/8" x 2 3/4" (155 x 175 x 69 mm)
Power		110/240 VAC, 50/60 Hz

[†]Ion 2700 models only

Model	Description	Meter		Precalibrated meter	
		Cat. no.	Price	Cat. no.	Price
pH 2700	Meter only	GH-35420-22		GH-35420-23	
pH 2700	Meter with probes	GH-35420-20		GH-35420-21	
Ion 2700	Meter only	GH-35421-02		GH-35421-03	
Ion 2700	Meter with probes	GH-35421-00		GH-35421-01	

Don't Forget...

Calibration buffer solutions

For a complete offering of calibration buffer solutions, see page 518.



[GH-35805-04](#) Replacement pH electrode; double junction, refillable, glass body, 3.3-ft (1-m) cable

[GH-35811-74](#) "All-in-one" combination pH probe; double junction, refillable, glass body, 3.3-ft (1-m) cable

[GH-35630-53](#) USB cable

[GH-35613-13](#) Replacement ATC probe

[GH-17106-20](#) NIST-traceable calibration with data for pH and ion meters