

## 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  $\pm 0.002$  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	$\pm 2000$
	ISE <sup>†</sup>	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 <sup>†</sup>	2 or 3 digits
	Temperature	0.1°F or °C
Accuracy	pH	$\pm 0.002 + 1$ LSD
	mV / Rel mV	$\pm 0.2$ mV
	ISE <sup>†</sup>	$\pm 0.5\%$ 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 $\pm 150$ mV offset adjustment
	ISE <sup>†</sup>	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		3¼" x 2½" (83 x 62 mm) graphic LCD, backlit
Dimensions (L x W x H)		6½" x 6¾" x 2¾" (155 x 175 x 69 mm)
Power		110/240 VAC, 50/60 Hz

<sup>†</sup>Ion 2700 models only

Model	Description	Meter		Precalibrated meter	
		Cat. no.	Price	Cat. no.	Price
pH 2700	Meter only	<a href="#">GY-35420-22</a>		<a href="#">GY-35420-23</a>	
pH 2700	Meter with probes	<a href="#">GY-35420-20</a>		<a href="#">GY-35420-21</a>	
Ion 2700	Meter only	<a href="#">GY-35421-02</a>		<a href="#">GY-35421-03</a>	
Ion 2700	Meter with probes	<a href="#">GY-35421-00</a>		<a href="#">GY-35421-01</a>	

## Don't Forget...

### Calibration buffer solutions

For a complete offering of calibration buffer solutions, see page 607–610.



**GY-35805-04 Replacement pH electrode;** double junction, refillable, glass body, 3.3-ft (1-m) cable

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

**GY-35630-53 USB cable**

**GY-35613-13 Replacement ATC probe**

**GY-17106-20 NIST-traceable calibration** with data for pH and ion meters