

Oakton® Benchtop pH 700 and Ion 700 Meters

No more lost data—store and recall up to 100 data sets

- Takes up less bench space—40% smaller than comparable models
- Super-large dual-line display is easy to read
- Simple calibrations with 5-point automatic pH buffer recognition for USA and NIST buffers
- More accurate measurements with up to 5-point calibration for ion concentration on Ion 700 model
- Versatile—use with any pH, ORP, or ISE electrodes with BNC connector

pH 700 meter measures pH, mV, relative mV, and temperature. Ion 700 meter adds ion concentration measurement and reads directly in ppm for easy use. Automatic temperature compensation (ATC) maintains reading accuracy even with fluctuating temperatures.

Meters feature Auto-Hold, selectable °F or °C measurement, and easy recall of electrode slope or offset.



Specifications

OAKTON®

ISO9001:2008
CERTIFIED SUPPLIER

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Meter only

Model		pH 700	Ion 700
Range	pH	–2.00 to 16.00	–2.00 to 16.00
	mV/rel mV	±2000	±2000
	ISE	—	0.01 to 2000 ppm
	Temperature	32 to 100°F (0.0 to 100.0°C)	32 to 100°F (0.0 to 100.0°C)
Resolution	pH	0.01 pH	0.01 pH
	mV/rel mV	0.1 within ±199.9 mV, 1 beyond ±199.9 mV	0.1 within ±199.9 mV, ±2 beyond ±199.9 mV
	ISE	—	0.01 to 2000 ppm
	Temperature	0.1°F or °C	0.1°F or °C
Accuracy	pH	±0.01 pH	±0.01 pH
	mV/rel mV	±0.2 within ±199.9 mV, ±2 beyond 199.9 mV	±0.2 within ±199.9 mV, ±2 beyond 199.9 mV
	ISE	—	±0.5% of reading (monovalent); ±1% of reading (divalent)
	Temperature	±0.9°F (±0.5°C)	±0.9°F (±0.5°C)
Calibration	pH	Up to 5 points with autobuffer recognition	Up to 5 points with autobuffer recognition
	mV	Up to ±150 mV offset adjustment	Up to ±150 mV offset adjustment
	ISE	—	From 2 to 5 consecutive points (0.1, 1.0, 10.0, 100.0, 1000 ppm)
	Temperature compensation	Automatic or manual from 32 to 100°F (0 to 100°C)	Automatic or manual from 32 to 100°F (0 to 100°C)
Buffer recognition		USA or NIST buffer sets	USA or NIST buffer sets
Data logging		100 data sets	100 data sets
Power		100/240 VAC, 50/60 Hz	100/240 VAC, 50/60 Hz

Model	Description	Meter		Precalibrated meter	
		Catalog number	Price	Catalog number	Price
pH 700	Meter only	GY-35419-00		GY-35419-01	
pH 700	Meter with "all-in-one" pH/ATC electrode	GY-35419-03		GY-35419-05	
Ion 700		GY-35419-23		GY-35419-27	
pH 700	Meter with double-junction pH electrode, ATC probe, and removable electrode holder	GY-35419-10		GY-35419-11	
Ion 700		GY-35419-20		GY-35419-24	
pH 700	Meter with removable electrode holder	GY-35419-12		GY-35419-15	
Ion 700		GY-35419-22		GY-35419-26	

[GY-59001-65](#) Combination pH electrode; single junction, gel-filled, epoxy body

[GY-59001-70](#) Combination pH electrode; double junction, gel-filled, epoxy body

[GY-35811-71](#) "All-in-one" combination pH electrode; single junction, gel-filled, epoxy body

[GY-35805-04](#) Replacement combination pH electrode; double junction, refillable, glass body

[GY-35613-13](#) Replacement ATC probe, SS

[GY-35420-54](#) Replacement electrode arm

[GY-17106-20](#) NIST-traceable calibration with data for pH/ion meter



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.