

Handheld pH/Ion Meter Selection Guide

Oakton® handheld meters offer a wide range of features ideal for portability in the field. These meters are generally available with either a separate pH electrode and temperature probe, or a combination “All-in-One” pH and temperature sensor. Designed for a variety of applications, many of these meters offer special features such as:

- mV readings for ORP measurement
- Ion concentration readings
- Auto-buffer recognition and selectable buffer sets
- Up to 6-point pH calibration
- Auto shutoff, Hold function, and error messages
- Optional AC adapter and built-in table stand for benchtop use
- Data management functions such as memory and RS-232 output
- Calibration kits and multiparameter meters that read pH and conductivity, TDS, or dissolved oxygen are also available



5+/6+ series



Standard series



Waterproof 300 series



Waterproof 600 series

Use this chart to find the best handheld pH or icon meter for your application

Meter	5+/6+ series <i>New</i>	Standard series Models 11/110	Waterproof 300 series Models 300/310	Waterproof 600 series Models 600/610/620
See pages	11–12	13–14	15	16–17
Description	Low cost, rugged compact	Economical, dual-display meter	Handles rough environments	Most powerful, ideal for the field
Display	Single-line LCD	Dual LCD	Dual LCD	Multi-line dot matrix
IP67 rated housing	—	—	Yes	Yes
Memory	—	Up to 100 points	Up to 100 points	Up to 500 points
Communication	—	RS-232 available	—	IrDA
Real-time clock	—	—	Available	Available
pH calibration points	3	5 or 6	5 or 6	5 or 6
Auto buffer recognition	Yes	Yes	Yes	Yes
Selectable buffer sets	Yes	Yes	Yes	Yes
Automatic endpoint	—	—	Yes	Yes
Automatic shutoff	After 17 minutes	After 20 minutes	After 20 minutes	Yes, adjustable
Hold function	Yes	Yes	Yes	Yes
Ready/stability indicator	—	Yes	Yes	Yes
Error messages	Yes	Yes	Yes	Yes
Protective rubber boot	Included	—	—	Optional
Built-in stand	Yes (in boot)	Yes	—	Yes (in boot)
Optional AC power	—	Yes	—	Yes