



REC-GUD-008	Public Pools and Water Attractions
Revision: 1.0	Approved Test Kits
Approved: Sept 25 2020	Wis. Admin. Code § ATCP 76

SUBJECT: Approved Test Kits for Pool and Water Attraction Water Testing

Scope

This document is for swimming pool and water attraction operators and Wisconsin Sanitarians who inspect licensed swimming pools and water attractions.

Disclaimer: The Wisconsin Department of Agriculture, Trade and Consumer Protection does not endorse or promote any manufacturer or any manufacturer’s recreational water testing kit. According to information provided by the manufacturers, the test kits listed in this document meet the parameters specified in ATCP 76 – Safety, Maintenance and Operation of Public Pools and Water Attractions. Other kits may also meet the code-specified requirements of ATCP 76. To list additional kits, please contact the Division of Food and Recreational Safety at (608) 224-4923. Note that when purchasing LaMotte ColorQ Pro 4 and 11, Color Q alkalinity reagent is not included and must be purchased separately.

Definitions

“PPM” means parts per million concentration of analyte, for example, free chlorine.

“pH” refers to the level of acidity of a given solution, for example, pool water. As pH increases, acidity decreases.

Guidance

Manufacturer	Test Kit	pH Range	Free Cl ₂ Range (ppm)	Total CCl ₂ Range (ppm)	Total Bromine Range (ppm)	Increment (ppm)		Total Alkalinity (ppm)	Cyanuric Acid (ppm)
						Cl ₂ =	Br ₂ =		
Orbeco Hellige	AquaPRO6	6.5 - 8.4	0.1- 10	0 - 10	0.2 - 20	Cl ₂ = 0.01	Br ₂ = 0.2	5 - 500	2 - 160
Industrial Test Systems	Pool eXact EZ Photometer	6.4 - 8.4	0 - 12	0 - 12	N/A	Cl ₂ = 0.01	N/A	10 - 200	1 - 110
	Spa eXact EZ Photometer	6.0 - 8.4	0 - 12	0 - 12	N/A	Cl ₂ = 0.01	N/A	20 - 200	N/A
	eXact iDip Photometer	6.4 - 8.4	0 - 12	0 - 12	N/A	Cl ₂ = 0.01	N/A	10 - 200	1 - 110
LaMotte Company	Mobile WaterLink Spin	6.3 - 8.6	0- 15	0 - 15	0 - 33	Cl ₂ = 0.01	Br ₂ = 0.01	0 - 250	5 - 150
	ColorQ Pool 4*	6.5 - 8.5	0 - 10	0 - 10	0 - 22	Cl ₂ = 0.01	Br ₂ = 0.1	0 - 250	* 0 - 125
	ColorQ PRO 6, 7, 7-Plus , 11, 9-Plus	6.5 - 8.5	0 - 10	0 - 10	0 - 22	Cl ₂ = 0.01	Br ₂ = 0.1	0 - 250	0 - 125
Palintest, Inc.	Pooltest 6, 9, 10, 25	6.5 - 8.4	0 – 10	0 - 10	0 - 10	Cl ₂ = 0.01	Br ₂ = 0.01	0 - 500	0 - 200
Taylor Technologies	K-2006 *	7.0 - 8.0	0 - 25	0 - 25	0-56.3	Cl ₂ = 0.2	Br ₂ = 0.5	0 - 1250	30 - 100
	K-2106 *	7.0 - 8.0	N/A	N/A	0 - 62.5	N/A	Br ₂ = 0.5	0 - 1250	N/A
	M-2000 TTi Colorimeter	6.5 - 8.5	1 - 10	1 - 10	0 - 20	Cl ₂ = 0.1	Br ₂ = 0.01	0 - 250	7 - 120
ATCP 76 Standards		7.2 - 7.8	0 - 10 ppm	0 - 10 ppm	0 - 20 ppm	Cl₂ = 0.2 ppm Br₂ = 0.5 ppm		60 - 180 ppm	≤30 ppm

**Note, if using Taylor K-2006 or K-2106 kit, a pH meter with an accuracy of 0.1 pH unit or better is strongly recommended for pH measurement. It is recommended that the pH meter be certified by a national standards agency. Also see related guidance in 'Guidance for pH Measurement, REC-GUD-007.'*

Contacts

DFRS Recreational Technical Specialists: datcpdfsrec@wisconsin.gov.

References

Wis. Admin. Code Chapter ATCP 76

Guidance for pH Measurement, REC-GUD-007