

THE FUTURE OF POOL TESTING IS DIGITAL



SPEED

DIGITAL TEST STRIP ANALYZER

ACCURACY

PATENTED PHOTOMETER SYSTEM

INDUSTRIAL TEST SYSTEMS, INC.
INNOVATORS OF WATER QUALITY TESTING



WINTER / SPRING 2012

SPEED

POOL CHECK®i

DIGITAL TEST STRIP ANALYZER



Introducing the new **Pool Check®i**. A faster and more convenient way for pool side or pool store testing. Pool Check®i features accurate analysis of either Pool Check®i Pro 3 or Pool Check®i Pro 6 test strips. Pool Check®i uses the same test strip technology universally used by doctors for fast diagnostic urine analysis known as POCT (Point Of Care Testing).

DIRECTLY READ:

Alkalinity, Total Hardness, Free Chlorine, Total Chlorine, Cyanuric Acid and pH

- **SPEED:** Tests either three or six parameters in 35 seconds using one test strip
- Digital results eliminate visual test strip color matching
- Medical technology adapted for pools
- Ideal for pool service techs and in-store testing
- Improved accuracy when compared to other analyzers
- Stores test results with time and date markers
- Portable & rechargeable

TEST	RANGE (PPM)	RESOLUTION (PPM)
Total Chlorine *	0.0 to 50	0.3 below 3.0
Total Hardness	0 to 1000	20 below 200
Free Chlorine†	0.0 to 50	0.3 below 3.0
Total Alkalinity‡	0 to 360	10
pH‡	6.0 to 8.6	0.1 as pH unit
Cyanuric Acid	0 to 500	5

* When using Bromine oxidizer the value is reported as Total Bromine

† These tests are performed by PoolCheck®i Pro 3
Specifications subject to change

(Actual size)



Part No. 481703

Part No. 481706

POOL CHECK®i TESTS STRIPS

PRODUCT	PART NUMBER LIST
Pool Check®i Scanner	#481700
Pool Check®i Assurance Program	#481701
Pool Check®i Pro 3, B100	#481703
Pool Check®i Pro 6, B100	#481706

NOTATED PRICES & SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE





The quick Pool Check®i procedure:



FOR MORE DETAILS, SPECIAL INTRODUCTORY PRICE AND TO RESERVE YOUR POOL CHECK®i
VISIT SENSAFE.COM/POOLCHECK-i OR CALL 1 (800) 861-9712

**USEPA
APPROVED
FREE
CHLORINE**

ITS method D99-003
(Revision 3, Nov 21, 2003)
(US Patents
6541269, 5491064)



SenSafe™ Free Chlorine Water Check

Part # 481026 Retail Price \$17.99 50 Tests

DETECTION LEVELS:

Free Chlorine: 0, 0.05, 0.1, 0.2, 0.4, 0.6, 0.8,
1.2, 1.5, 2.0, 2.6, 4.0, >6.0 ppm mg/L

ONLY EPA APPROVED TEST STRIP

**U.S. PATENTED
TECHNOLOGY**
5491094
6541269

**0.1 ppm
Free Chlorine
Detection**

**U.S. PATENTED
TECHNOLOGY**
5491094
6541269

CHLORINE

Low Chlorine Pool Check® 3 In 1

Part # 481338 Retail Price \$12.99 50 Tests

DETECTION LEVELS:

Free Chlorine: 0, 0.1, 0.25, 0.5, 1.0, 3.0, 6.0, 10.0 mg/L
pH: 6.0, 6.4, 6.8, 7.2, 7.6, 8.2, 9.0
Total Alkalinity: 0, 40, 80, 120, 180, 240, 360, 720 mg/L



Pool Check® 3 In 1

Part # 481335 Retail Price \$7.99 50 Tests

DETECTION LEVELS:

Free Chlorine: 0, 0.5, 1, 3, 5, 10, 20 mg/L
pH: 6.0, 6.4, 6.8, 7.2, 7.6, 8.2, 9.0
Total Alkalinity: 0, 40, 80, 120, 180, 240, 360 mg/L

**Low
Detection
Levels**



Pool Check® Copper 3 In 1

Part # 481348 Retail Price \$12.99 50 Tests

DETECTION LEVELS:

Copper: 0, 0.2, 0.4, 0.7, 1, 2 mg/L
pH: 6.0, 6.4, 6.8, 7.2, 7.6, 8.2, 9.0
Total Alkalinity: 0, 40, 80, 120, 180, 240, 360 mg/L

**Results
In Only
22 Seconds!**



Pool Check

Part # 482341 Retail Price

DETECTION LEVELS:

Salt: 1500, 2000, 2500
5000, 6000, 7000 mg/L
Also Available by Special Order: 1
3000, 3500 ppm

**Results
In Only
30 Seconds!**



ACCURACY



eXact® MICRO 10

**PATENTED
PHOTOMETER SYSTEM**

WATERPROOF
(IP-67)



**USEPA
HEALTH DEPT
COMPLIANT
FREE & TOTAL
CHLORINE**



Part No. 486699
meter only \$284.99

THE FIRST METER TO READ COMBINED CHLORINE DIRECTLY WITH 0.01 PRECISION AND NO MATH!

DIRECTLY READ:

Alkalinity, Calcium Hardness, Chloride (Salt),
Combined Chlorine, Free Chlorine, Total Chlorine,
Cyanuric Acid, pH, Phosphate and Transmission

- **ACCURACY:** Laboratory results with 0.01 precision
- No visual color matching, drops to count or math
- Uses **DPD** chlorine method accepted by Health Departments
(replaces **FAS-DPD** and visual **DPD** kits)
- Non-technical procedure
(only 1 reagent for each direct read test)
- No MSDS sheets required, reagents are classified as articles by OSHA
- Uses **EZ-3™** patented test procedure (see next page) -
fast, accurate results in 3 simple steps
- 2-Year warranty with satisfaction guarantee

eXact® Micro 10 Direct Read Specifications

Menu	Tests for ¹	Range	Resolution	Accuracy
AL1	Total Alkalinity	6 - 180 ppm	1	±9% (6-110 ppm) ±14% (111-180 ppm)
PH2	pH	6.2 - 8.4 pH	0.1	±0.3 pH
CL3	Free, Combined & Total Chlorine (DPD-1) & (DPD-3)	0.00 - 11.0 ppm	0.01 (0-5.99 ppm)	±2% (0-3.00 ppm) ±10% (3.01-7 ppm)
			0.1 (5-11 ppm)	±12% (7.1-11 ppm)
CL3	Bromine (DPD-1) ²	0 - 28 ppm	0.01 (0-26 ppm)	±3% (0-8.00 ppm) ±10% (8.01-18.00 ppm)
			0.1 (27-28 ppm)	±12% (18.01-28 ppm)
PO4	Phosphate	0 - 4 ppm	0.01	±3% (0-3.00 ppm) ±7.5% (3.01-4 ppm)
CA5	Calcium Hardness as CaCO ₃	10 - 500 ppm	1	±7%
CH6	Salt / Chloride as NaCl	40 - 7000 ppm	1	±15%
CY7	Cyanuric Acid	0 - 110 ppm	0.01 (0-9.99 ppm)	±12% (0-40.0 ppm)
			1 (10-110 ppm)	±13% (40.1-110 ppm)
TR8	Transmission ³ (All other test parameters)	99.9 - 0.01 %T	0.1 (99.9-10 %T)	±0.1%
			0.01 (9.99-0.01 %T)	±0.01%

¹ Performance verified with various salt systems and water samples with optimal water temperature at 10-40°C / 50-104°F.
Optimal water temperature for Phosphate test is 16-40°C / 61-104°F.

² Bromine is read in CL3 Menu and requires a multiplication factor of 2.6.

³ Measurement requires the specific test reagent strip and the use of a conversion chart for analysis.

eXact® MICRO 10 TESTS

For use in accordance with U.S. Patent Nos. 7333194 and 7491546

Scan for Details



No.	PARAMETER/PRODUCT	PART NUMBER	DETECTION RANGE	CHEMISTRY	USD/TESTS
	eXact Micro 10 Standard Kit	486699-K	N/A	N/A	N/A
	eXact Micro 10 Starter Kit	486699-KS	N/A	N/A	N/A
	2.0 Reference Standard Solution	486602-II	N/A	N/A	30
1	Alkalinity, Total	486641	12 - 180 ppm	Alizarin Red S + Citrate	100
2	Bromine (DPD-1)	486637	0 - 28 ppm	DPD	100
3	Calcium Hardness	486629	10 - 500 ppm	Oxalic Acid	50
4	Chloride II / Salt	481657-II	40 - 7000 ppm	Silver (ppt)	25
5	Chlorine, Free (DPD-1)	486637	0 - 11 ppm	DPD	100
	Chlorine, Free (DPD-1)	484051	0 - 11 ppm	DPD	100 Foils
6	Chlorine, Combined (DPD-3)**	486638	0 - 11 ppm	KI	100
	Chlorine, Combined (DPD-3)**	484103	0 - 11 ppm	KI	100 Foils
7	Chlorine, Total (DPD-4)	486670	0 - 11 ppm	DPD + KI	100
	Chlorine, Total (DPD-4)	484054	0 - 11 ppm	DPD + KI	100 Foils
8	Cyanuric Acid II	481652-II	0 - 110 ppm	Melamine (ppt)	60
9	Ozone (DPD-4)	486670	0 - 11 ppm	DPD + KI	100
10	Phosphate	486814	0 - 4 ppm	Molybdate Method	50
11	pH	486639	6.2 - 8.4 pH	Phenol Red	100
12	Chlorine Dioxide (DPD-1)*	486637	0 - 12 ppm	DPD	25
13	Chlorine HR*	486672	0 - 275 ppm	KI + Buffer	50
14	Copper	486632	0 - 8.5 ppm	Biquinoline	50
15	Hydrogen Peroxide LR*	486616	0 - 3 ppm	DPD + PO ₄ + MoO ₄ + KI	50
16	Hydrogen Peroxide MR*	486648	0 - 33 ppm	DPD + MoO ₄ + KI + acid	50
17	Hydrogen Peroxide HR*	486670	0 - 1400 ppm	DPD + KI	100
18	Iodine (DPD-1)*	486637	0 - 13 ppm	DPD	100
19	Manganese*	486606	0.03 - 1.5 ppm	PAN + Cyanide	24
20	Nitrate (as NO ₃)*	486655	0 - 45 ppm	Zinc Reduction	50
21	Nitrite (as NO ₂)*	486623	0 - 4.5 ppm	Chromotropic Acid	50
22	pH, Acid*	486624	3 - 6.2 pH	Alizarin Red S	50
23	pH, Alkali*	486609	8 - 9.6 pH	Thymol Blue	50
24	pH, BT*	486652	5.9 - 9 pH	Bromothymol Blue & Thymol Blue	100
25	Total Iron, TPTZ (Fe ²⁺ /Fe ³⁺)*	486650	0.02 - 5 ppm	TPTZ + PP	50
26	Total Hardness (as CaCO ₃)*	486673	0 - 300 ppm	Phthalein Purple	50
27	Total Hardness, LR (as CaCO ₃)*	486630	2 - 77 ppm	Phthalein Purple	50
28	Turbidity*	None	3 - 580 NTU	Turbidity	No Reagent

* Results utilize the Tr-7 (Transmission) meter function and require the use of a conversion table. See respective test procedures for more information and tables.

** Total Chlorine DPD-3 Test requires Free Chlorine DPD-1 (486637) to be run first. For resellers and distributors - reagents sold as case of 12; meters as case of 14.

R011912

VISIT SENS SAFE.COM - FOR MORE DETAILS



Part No. 486699-K

List Price: \$399.99

The eXact® Micro 10 Test Kit (486699-K) Includes:

eXact® Micro 10 Photometer (486699)

eXact® Strip Micro DPD-1 (486637-25)

eXact® Strip Micro DPD-3 (486638-25)

eXact® Strip Micro Total Alkalinity (486641-25)

eXact® Strip Micro pH (486639-25)

eXact® Strip Micro Calcium Hardness (486629-25)

eXact® Strip Micro Phosphate (486814)

eXact® Strip Micro Chloride (481657-II)

eXact® Reagent Cyanuric Acid (481652-II)

Mini Dilution Kit II (487202)

Mixing Cap, Cell Cleaning Brush,

Plastic Carrying Case, and

Instruction Manual

eXact®

PATENTED PHOTOMETER SYSTEM

Our eXact® Micro photometers, like the Micro 10 use an easy patented test method called the EZ™-3.

This simple 3 step procedure takes under 30 seconds. This is the ideal tool for Pool and Spa service professionals to identify problems that other test kits may overlook. Accuracy is improved because of the easy, non-technical procedure.

EZ-3™ Method

FAST, ACCURATE
RESULTS IN

3 SIMPLE
STEPS



Fill built-in cell
and zero meter



Dip strip for 20
seconds to dispense
reagent



Read your
eXact® result!

OTHER METERS AVAILABLE

eXact™ Micro 7+ Photometer

DIRECTLY READ:

Alkalinity, Bromine (DPD -1), Calcium Hardness, Free, Total and High Range Chlorine, Copper (Cu+2), Ozone, Permanganate, pH and Transmission

- Lab results with 0.01 precision and no visual color matching, counting drops or math
- Uses same reagents and DPD chlorine method as the eXact Micro 10 photometer
- Uses non-technical EZ-3™ method (3 simple steps)
- 2-Year warranty with satisfaction guarantee

Part No.
486691

Product Description
eXact Micro 7+ Photometer

Scan for Details



USEPA
HEALTH DEPT
COMPLIANT
FREE & TOTAL
CHLORINE

Digital Pocket Temperature and pH meter

Part No. 618NF

This pocket pH / temperature meter has features found in expensive meters and packages them into a small, portable package useful for pool testing.

- Large graphical LCD provides on-screen menu selection for manual-free, easy operation.
- Glass bulb electrode is carefully protected and yet gives fast response.
- 50 memory storage of both pH and temperature readings with memory location ID and date and time stamp.
- IP67 rated, water-proof dust-proof body.

Detection Levels

pH:
0.00 - 14.00
0.01 resolution / +0.02 Accuracy
Temperature:
32 - 211.8 °F
0.0 to 99.9 °C (NC model)

Part No.
618NF

Product Description
Temperature and pH meter

Scan for Details



VERIFY METALS IN YOUR POOL OR SPA WATER

SenSafe™ Water Metals Check

Part No. 480309

Metals can cause permanent staining in your Pool or Spa.

Test quickly for all +2 valence metals such as: Copper, Iron, Nickel and Zinc.

- Most make-up water typically has over 200 ppb metal levels.
- Safe and non-hazardous test.
- Patented, easy results in 2 ½ minutes.
- Test pool make-up water or pool water.

US Patent No. 6541269
"Indicator develops
red in presence
of metals"

Detection Levels <10, 20, 50, 100, 200, 400, 1000 ppb (µg/L)

Part No.
480309
480309-6

Product Description
Water Metals Check - 50 Tests
Water Metals Check - 6 Tests

Scan for Details



SENSAFE.COM / POOLCHECKONLINE.COM



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