

POOL LAB[®] 1.0

PHOTOMETER

13 POOL PARAMETERS:

CHLORINE (FREE/COMBINED/TOTAL)

PH-VALUE

ALKALINITY (ACID CAPACITY)

CYANURIC ACID (STABILIZER)

ACTIVE OXYGEN (MPS)*

BROMINE**

CHLORINE DIOXIDE**

OZONE**

HYDROGEN PEROXIDE*

CALCIUM HARDNESS*

TOTAL HARDNESS*

UREA*

PHMB*

FEATURES:

BLUETOOTH EQUIPPED

POWERFUL APP AND SOFTWARE

FREE CLOUD SPACE

6 BUTTONS FOR DIRECT ACCESS

IP68 WATERPROOF

FIXED BUT CHANGEABLE CUVETTE



SOFTWARE



APP



CLOUD



POOL LAB[®] 1.0

PHOTOMETER

FEATURES

The new PoolLab[®] 1.0 is a triple wavelength (530/570/620nm) photometer for professional water analysis of private pools and spas.

An in-built but changeable cuvette allows quick water sampling by just dipping in the IP68 waterproof PoolLab[®].

PoolLab[®] with its 6 buttons is designed for instant access to the parameters installed, which are: pH, Chlorine (free/combined/total), Alkalinity (Acid Capacity), Cyanuric Acid (Stabilizer), Active Oxygen (MPS), Bromine, Chlorine Dioxide, Ozone, Hydrogen Peroxide, Hardness (Total, Calcium), Urea and PHMB.

As PoolLab[®] uses wireless Bluetooth 4.0 technology, it can easily be connected to free software and app for test result management.

Once test results are synchronized, software and app allow dosage recommendations, based on individually entered water treatment chemicals. User can print test result reports, perform index calculation, such as LSI, and much more.

A free cloud server takes care that data on app and software are constantly synchronized, if the user decides to use this feature.

Professional water testing
for private pool and spa owners

Pool LAB 1.0



PoolLab 1.0 in a convenient box
with option to hang on shelf

PARAMETERS

PoolLab[®] 1.0 offers the following pre-installed parameters:

- pH - range 6.50 - 8.40 pH
- Chlorine (free/combined/total) - range 0.00 - 8.00 mg/l (ppm)
- Alkalinity (Acid Capacity) - range 0 - 200 mg/l (ppm) CaCO₃
- Cyanuric Acid (Stabilizer) - range 0 - 160 mg/l (ppm)
- Active Oxygen (MPS) - range 0.0 - 30.0 mg/l (ppm)*
- Bromine - range 0.0 - 13.5 mg/l (ppm)**
- Chlorine Dioxide - range 0.0 - 11.4 mg/l (ppm)**
- Ozone - range 0.00 - 4.00 mg/l (ppm)**
- Hydrogen Peroxide (LR) - range 0.00 - 2.90 mg/l (ppm)*
- Hydrogen Peroxide (HR) - range 0.0 - 200 mg/l (ppm)*
- Calcium Hardness - range 0 - 500 mg/l (ppm)*
- Total Hardness - range 0 - 500 mg/l (ppm)*
- Urea - range 0.1 - 2.5 mg/l (ppm)*
- PHMB - range 5 - 60 mg/l (ppm)*

CONTENT

Basic Kit:

- 1 x PoolLab[®] 1.0 with Bluetooth 4.0
- IP68 waterproof
- 1 x Transparent plastic case
- 1 x Light shield
- 1 x Plastic stirring rod
- 1 x 10ml syringe
- 3 x AAA batteries
- 1 x manual
- Free access to PoolLab[®] software
- Free access to PoolLab[®] app
- Free access to PoolLab[®] cloud

Parameters:

- pH
- Chlorine (free/combined/total)
- Alkalinity (Acid Capacity)
- Cyanuric Acid (Stabilizer)
- Active Oxygen (MPS)*
- Bromine**
- Chlorine Dioxide**
- Ozone**
- Hydrogen Peroxide*
- Calcium Hardness*
- Total Hardness*
- Urea*
- PHMB*

Reagents:

- 20 tablets Phenol Red
- 20 tablets DPD N° 1
- 10 tablets DPD N° 3
- 10 tablets Alkalinity-M
- 10 tablets CYA-Test
- all tablets are Photometer grade*



KITS

Item No.	Product description	Measurement Ranges	Reagents	Unit
161166442	<p>PoolLab 1.0, hand-held pool water photometer to test pH, Chlorine(free/combined/total), Alkalinity (Acid Capacity), Cyanuric Acid (Stabilizer), Active Oxygen (MPS), Bromine, Chlorine Dioxide, Ozone, Hardness (Total, Calcium) and Hydrogen Peroxide.</p> <p>Built in but replaceable cuvette, Bluetooth 4.0 equipped with free windows/apple software and app (both: download) as well as free cloud service.</p> <p>Device in a transparent/semi transparent plastic case with hanger hole to hang. Case in a robust shipping carton.</p> <p>Includes: PoolLab 1.0 Photometer, Light shield, 3 x AAA batteries, Plastic stirring rod, 20 tablets DPD N° 1 (free chlorine), 10 tablets DPD N° 3 (combined/total chlorine), 20 tablets Phenol Red (pH), 10 tablets Alkalinity-M (Alkalinity/Acid Capacity), 10 tablets CYA-Test (Cyanuric Acid/Stabilizer). All tablets are Photometer grade!</p> <p>Printed manual</p>	<p>pH 6.50 - 8.40 pH</p> <p>Chlorine (free/combined/total) 0.00 - 8.00 mg/l (ppm)</p> <p>Alkalinity (Acid Capacity) 0 - 200 mg/l (ppm) CaCO₃</p> <p>Cyanuric Acid (Stabilizer) 0 - 160 mg/l (ppm)</p> <p>Active Oxygen (MPS)* 0.0 - 30.0 mg/l (ppm)</p> <p>Bromine** 0.0 - 13.5 mg/l (ppm)</p> <p>Chlorine Dioxide** 0.0 - 11.4 mg/l (ppm)</p> <p>Ozone** 0.00 - 4.00 mg/l (ppm)</p> <p>Hydrogen Peroxide (LR)* 0.00 - 2.90 mg/l (ppm)</p> <p>Hydrogen Peroxide (HR)* 0.0 - 200 mg/l (ppm)</p> <p>Calcium Hardness* 0 - 500 mg/l (ppm)</p> <p>Total Hardness* 0 - 500 mg/l (ppm)</p> <p>Urea* 0.1 - 2.5 mg/l (ppm)</p> <p>PHMB* 5 - 60 mg/l (ppm)</p>	<p>20 tablets Phenol Red</p> <p>20 tablets DPD N° 1</p> <p>10 tablets DPD N° 3</p> <p>10 tablets Alkalinity-M</p> <p>10 tablets CYA-Test</p> <p><i>all tablets are Photometer grade</i></p>	1



REAGENTS

Item No.	Product description	To test (parameters)
POL01-Ref	Tablet refill pack for PoolLab 1.0 Photometer 20 tablets DPD N° 1 (free chlorine) 10 tablets DPD N° 3 (combined/total chlorine) 20 tablets Phenol Red (pH) 10 tablets Alkalinity-M (Alkalinity/Acid Capacity) 10 tablets CYA-Test (Cyanuric Acid/Stabilizer) In a carton box with hanger hole to hang. All tablets are Photometer grade!	pH Chlorine (free/combined/total) Alkalinity (Acid Capacity) Cyanuric Acid (Stabilizer) Bromine Chlorine Dioxide Ozone
TbsPD150	50 tablets DPD N° 1 Photometer in a sales box	Chlorine (free)
TbsPD350	50 tablets DPD N° 3 Photometer in a sales box	Chlorine (combined/total)
TBsPpH50	50 tablets Phenol Red Photometer in a sales box	pH
TbsPTA50	50 tablets Alkalinity-M Photometer in a sales box	Alkalinity (Acid Capacity)
TbsPCAT50	50 tablets CYA-Test Photometer in a sales box	Cyanuric Acid (Stabilizer)
TbsPD450	50 tablets DPD N° 4 Photometer in a sales box	Active Oxygen (MPS)
TbsHGC50	50 tablets Glycine Photometer in a sales box	Auxiliary tablet
TbsPHP50	50 tablets Hyd. Peroxide LR Photometer in a sales box	Hydrogen Peroxide LR
TbsPHPHR50	50 tablets Hyd. Peroxide HR Photometer in a sales box	Hydrogen Peroxide HR
TbsHAFPP50	50 tablets Acidifying PT Photometer	Auxiliary tablet
POL20TH1	20 ml Total Hardness (1) Photometer (50 tests)	Total Hardness
POL10TH2	10 ml Total Hardness (2) Photometer (50 tests)	Total Hardness
POL20CH1	20 ml Calcium Hardness N°1(50 tests)	Calcium Hardness
POL20CH2	20 ml Calcium Hardness N°2 (50 tests)	Calcium Hardness
POL4Urea1	4ml PL Urea 1 (50 tests)	Urea
POL2Urea2	2ml PL Urea 2 (50 tests)	Urea
PPHAM1	50 powder pillows Ammonia N° 1	Urea
PPPAM2	50 powder pillows Ammonia N° 2	Urea
TbsPPB	50 tablets PHMB Photometer	PHMB