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WATER CARE / ANALYSERS

Analysers

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In addition to the four key areas disinfection/pH control, pool water circulation, filtration and freshwater, a proper analysis is an important part of modern water treatment. We offer a comprehensive range of test equipment and test strips, as well as digital measuring instruments to analyse the water values in your pool.

Water, and swimming pool water in particular, is exposed to constant change and should be checked regularly once or twice a week.

Photolyser Pooltest AND REAGENTS



PRODUCT INFORMATION

Microprocessor-controlled, mains-independent digital photometer for water analysis of pool and drinking water.


Source: Rogner Therme

DESCRIPTION	ART. NO.	
 <p>Photolyser Pooltest 7</p> <ul style="list-style-type: none"> • Colorimetric analysis of water parameters for use in public pools and the drinking water sector. • Simple and accurate measurement via a large, backlit LCD screen. • Protection class IP 67 (splash-proof) • Memory for last 10 measurements <p><u>Parameters that can be measured:</u></p> <ul style="list-style-type: none"> • Chlorine (free + total) • pH level • Cyanuric acid • Alkalinity (total) • Calcium hardness • Bromine • Acid capacity (Ks4.3) <p>Standard equipment in case: Measuring device Pooltest 7, operating instructions, 6 cuvettes, 6 mixing rods, 1 test tube brush</p> <p>Starter reagents: Free (100) and Total Chlorine (100), pH (100), Cyanuric Acid (100), Alkalinity (100), Calcium Hardness (50), Bromine, Acid Capacity</p>	<p>0820-601-00</p> <p>B</p>	
 <p>Photolyser Pooltest 25 BLUETOOTH</p> <ul style="list-style-type: none"> • Colorimetric analysis of all relevant water parameters for use in public pools and the drinking water sector • Large backlit LCD screen with voice prompts in English, French, Spanish, German, Italian, Turkish and Mandarin • Protection class IP 67 (splash-proof) • Memory for up to 1000 measurements. Each record contains date, time, sample ID, user ID, method number, method name, result, units • Bluetooth SMART ProFil to download data or upload software. <p><u>Parameters that can be measured:</u></p> <ul style="list-style-type: none"> • Chlorine (free + total) • Bromine • Ozone • PHMB • pH level • Alkalinity • Calcium hardness • Cyanuric acid • Iron • Copper (free + total) • Salt • Sulphate • Chlorides • Total hardness • Aluminium • Nitrate • Ammonium • Phosphate • Manganese • H₂O₂ • Acid capacity (Ks4.3) • Water balance <p>Standard equipment in case: Measuring device Pooltest 25, operating instructions, 8 cuvettes, 10 mixing rods, dilution tubes, syringe 10ml, test tube brush, USB cable</p> <p>Starter pack reagents worth about 230 € consisting of: 80 DPD1, 80 DPD3, 10 DPD4, 80 Phenol Red, 60 Cyanuric Acid, 20 Alkalinity, 40 Calcium hardness 1, 40 Calcium hardness 2, 20 Copper 1, 20 Copper 2, 10 Iron</p>	<p>0820-602-00</p> <p>B</p>	

REAGENTS FOR POOLTEST 7 AND 25

REAGENT	Approx. number of analysis	ART. NO.	
Reagent A for chlorine (DPD), 30 ml	100	1410-102-05	B
Reagent B for chlorine (DPD), 30 ml	100	1410-103-05	B
Reagent C for chlorine (DPD), 30 ml	100	1410-104-05	B
Reagent for pH, 30 ml	100	1410-105-05	B
Reagent DPD 1 for free chlorine	50	1420-041-05	B
Reagent DPD 1 for free chlorine	250	1420-041-25	B
Reagent DPD 3 for total chlorine	250	1420-043-25	B
Reagent DPD 4 for active oxygen (dinofresh)	50	1420-045-05	B
Reagent DPD 4 for active oxygen (dinofresh)	250	1420-045-25	B
pH	50	1420-051-05	B
pH	250	1420-051-25	B
Alkalinity/Acid capacity	50	1410-121-05	B
Alkalinity/Acid capacity	250	1410-121-25	B
Calcium hardness	50	1410-306-05	B
Calcium hardness	250	1410-306-25	B
Copper	50	1410-114-05	B
Copper	250	1410-114-25	B
PHMB	50	1410-116-05	B
PHMB	250	1410-116-25	B
H ₂ O ₂ (Poolcare)	50	1410-113-05	B
H ₂ O ₂ (Poolcare)	250	1410-113-25	B
Aluminium	50	1410-120-05	B
Aluminium	250	1410-120-25	B
Ammonium	50	1410-106-05	B
Ammonium	250	1410-106-25	B
Chlorides	50	1410-107-05	B
Chlorides	250	1410-107-25	B
Cyanuric acid	50	1410-111-05	B
Cyanuric acid	250	1410-111-25	B
Iron	250	1410-108-25	B
Manganese	50	1410-117-05	B
Manganese	250	1410-117-25	B
Phosphate	50	1410-115-05	B
Phosphate	250	1410-115-25	B
Sulphate	50	1410-122-05	B
Sulphate	250	1410-122-25	B
Ozone	50	1410-123-05	B
Ozone	250	1410-123-25	B

ACCESSORIES FOR POOLTEST 7 AND 25

DESCRIPTION	ART. NO.	
CALIBRATION KIT		
For checking calibrations		
 Pooltest 7	1440-001-00	B
Pooltest 25	1440-002-00	B
SPARE CUVETTES		
round		
Pooltest 7	0800-216-00	B
Pooltest 25	0800-217-00	B

INFO

Photolyser Pooltest 7 AND 25

Liquid reagents A, B, C and pH can also be used!
See starting page **342**.

ANALYSERS

Photolyser 300 and 400

Photolyser 300 and 400





PRODUCT INFORMATION

Microprocessor-controlled, mains-independent digital photometers for water analysis in the pool water and drinking water sector.

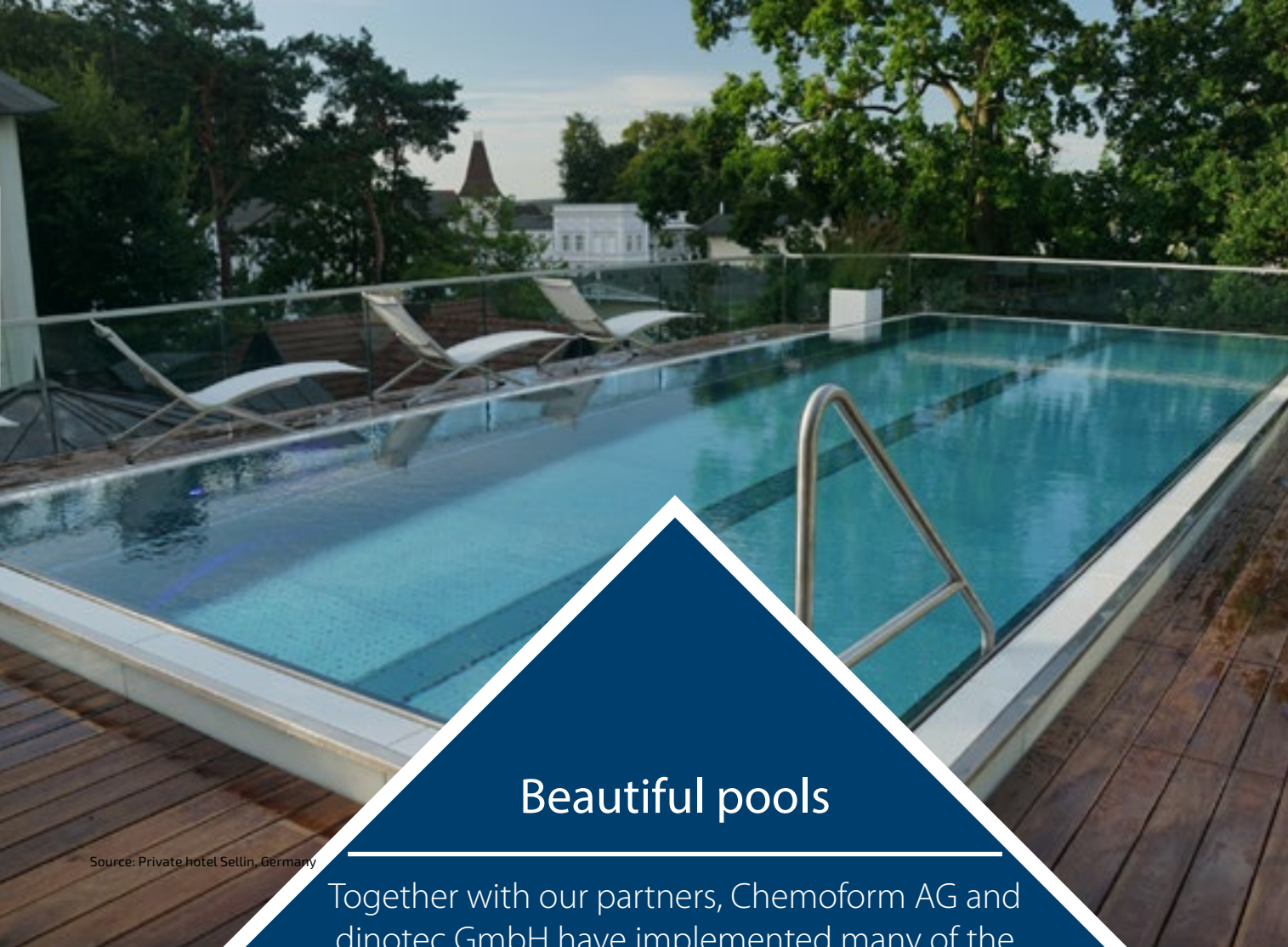
DESCRIPTION	ART. NO.	
Photolyser 300 Parameters that can be measured: bromine, free chlorine, total chlorine, dinofresh, total hardness, ozone, pH and acid capacity KS 4.3. Standard equipment in case: Photolyser 300 measuring instrument, 2 measuring tubes with plug, reagents for determination of free chlorine, total chlorine, ozone, dinofresh, pH, total hardness, cyanuric acid, acid capacity as well as 9 Volt battery.	0810-470-90	B
Photolyser 400 - CAPABLE OF STORING DATA Parameters that can be measured: aluminium, ammonium, bromine, dinofresh, free chlorine, total chlorine, iron, total hardness, copper, pH, chloride, acid capacity KS 4.3, Poolcare and ozone. Standard equipment in case: Photolyser 400 measuring instrument, 3 measuring tubes with plug, stirrer, reagents for determination of free chlorine, total chlorine, bromine, ozone, pH, dinofresh and 4 batteries (Mignon).	0820-460-90	B

ACCESSORIES

DESCRIPTION	ART. NO.	
 MAINS ADAPTER FOR Photolyser 300/400	0810-129-00	B
 Measuring tubes round for Photolyser 300/400	0800-218-00	B
Plug for glass tubes round	0800-220-00	B
Light protection tube for Photolyser 300	0800-221-00	B
Light protection tube for Photolyser 400	0800-222-00	B

REAGENTS FOR Photolyser

REAGENT	Approx. number of analysis	ART. NO.
Reagent A for chlorine (DPD)	60	1410-102-00
Reagent B for chlorine (DPD)	60	1410-103-00
Reagent C for chlorine (DPD)	60	1410-104-00
pH	140	1410-105-00
Ammonium	100	1410-106-00
Iron (for Photolyser from year built 2002)	60	1410-108-02
Aluminium	50	1410-120-00
Copper	100	1410-114-00
Ozone / Reagent D	60	1410-123-00
Total hardness	30	1410-306-00
Manganese	50	1410-117-00
Cyanuric acid	100	1410-111-00
Chloride	20	1410-107-00
Phosphate	30	1410-115-00
Iron (for Photolyser until year built 2001)	60	1410-108-00
Poolcare OXA	70	1410-113-02
Carbonate hardness / acid capacity KS 4.3	70	1410-121-00



Source: Private hotel Sellin, Germany

Beautiful pools

Together with our partners, Chemoform AG and dinotec GmbH have implemented many of the most beautiful pools all over the world.

See the following examples.



Source: Rogner Therme Bad Blumau, Austria

ANALYSERS NÜSCOLAB

Wireless - Compact - Precise



Source: Dr. Nüskén

PRODUCT INFORMATION

HUGE POTENTIAL FOR TIME AND COST SAVINGS (SEE "SCAN ME")




Seamless monitoring by swimming pool attendant or house technician means increased safety of bathers.

Secure documentation, no more transmission errors.

Measurement results not dependent on people means: in the event of illness or a shortage of skilled personnel, the measurements can be carried out by other employees.

More sustainability due to less chemicals and fewer recycling processes.

There may be fewer checks by authorities due to lower measurement deviations.

DESCRIPTION	ART. NO.	
 <p>NÜSCOLAB STARTER KIT</p> <ul style="list-style-type: none"> • Nüscolab measuring device • Large carrying case • Measuring device holder • Smartphone (brand: Gigaset) • 3 graduated beakers 	54250	Z
 <p>NÜSCOLAB</p> <ul style="list-style-type: none"> • Nüscolab measuring device • Large carrying case • Measuring device holder • 3 graduated beakers 	54251	Z
 <p>SENSOR STICK MODEL "POOL"</p> <p>Each sensor stick includes the parameters:</p> <ul style="list-style-type: none"> • pH value • Free chlorine • Combined chlorine • Total chlorine 	54242	Z

FEATURES



PRECISE RESULTS

The revolutionary technology ensures fast and accurate measurement results.



HUGE TIME SAVINGS

Within 30 seconds, the Nüscolab measuring device prepares, analyzes and documents all relevant values.



SIGNIFICANT COST SAVINGS

Efficient deployment of employee frees up time for other important tasks.



SAFE WATER TESTING

No need to handle chemicals any longer. In this way, you protect the health of your employees.



EASY HANDLING

The Nüscolab measuring device is handy, wireless and easy to use.



ENVIRONMENTALLY FRIENDLY DISPOSAL

SensoSticks can be returned to us and recycled in an eco-friendly way.

i PRODUCT INFORMATION

YOUR MEASURED WATER VALUES AT THE PUSH OF A BUTTON

Wireless, compact, can be operated with one hand.

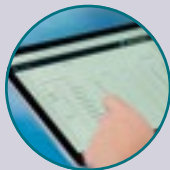
The NüscLab handheld measuring device provides a comprehensive determination of your water values at the touch of a button.



As simple as an electrochemical measurement, but without the need for calibration.



As accurate as a chemical test with a photometer, but without having to prepare and reprocess samples.

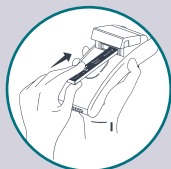


If desired, measured values are automatically stored online in the Lilian Manager.

i PRODUCT INFORMATION

FIND OUT YOURSELF

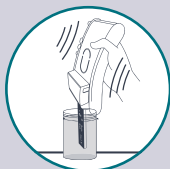
Measuring cycles that used to take an hour are completed within 6 minutes with the NüscLab. This means savings in labour costs!



Simply plug the SensoStick into the NüscLab.



Connect to the NüscLab app and press Start - done.



The remaining measurement process takes place automatically in less than a minute - measurement errors are excluded.

SCAN ME



IT REALLY PAYS OFF!

We have prepared a cost comparison. The savings in our example are approx. 12,000 €! You can find the calculation for the example and more information about the NüscLab here.

i PRODUCT INFORMATION

LILIAN MANAGER

Allows facility managers or responsible employees to monitor measurements centrally across different measuring points and facilities and document them in a secure manner.

If limit values are exceeded, the people you selected before are informed by e-mail or push message within seconds. The person in charge of measurements, e.g. a pool supervisor or lifeguard, can therefore be contacted quickly to take action.

An interface allows you to automatically record the data via your existing IT system, e.g. TASKO.



PRICES

Interface (e.g. Tasko)

LILIAN MANAGER XS
• (1 pool)

LILIAN MANAGER S
• (5 pool)

LILIAN MANAGER M
• (20 pool)

LILIAN MANAGER L
• (50 pool)

i PRODUCT INFORMATION

SMARTPHONE APP

There are four parameters integrated on a single SensoStick "Pool", which are detected and recorded.

Measuring parameters	Measuring accuracy	Measuring range
pH value	± 0.03 pH	6.3 - 8.5pH
Free chlorine	± 0.03 mg/l	0.03-4.00mg/l
Total chlorine	± 0.03 mg/l	0.03-4.00mg/l



Combined chlorine is determined by the system.

The measuring accuracy complies with DIN19643.

The measured values are displayed on the smartphone within seconds.

You can also save the values as an Excel or text file.

ANALYSERS SCUBA II

Pooltester for pH



PRODUCT INFORMATION

Scuba II - the ideal companion for private pool owners during the swimming season. Measure the most important parameters and have the results at your fingertips.

- + Modern, ergonomic design
- + User-friendly handling
- + Waterproof housing
- + Large display
- + Buoyant

A USEFUL LITTLE HELPER FOR POOL OWNERS.



DESCRIPTION	ART. NO.	
SCUBA II POOLTESTER	UP429260	E
Pooltester for pH		

ACCESSORIES


DESCRIPTION	ART. NO.	
SCUBA II REAGENT TABLETS	UP429270	E

ANALYSERS

pH Meter SD 50



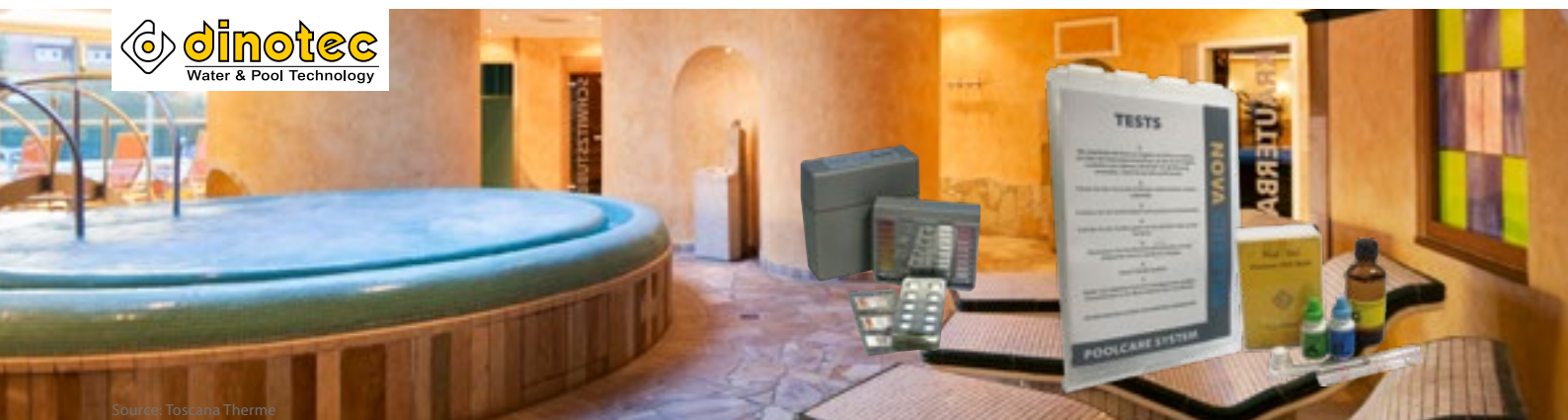
Source: Steglich & Partner

DESCRIPTION	ART. NO.	
 <p>pH Meter SD 50 - MEASUREMENT TO DIN 19643</p> <p>The intuitive scroll feature and backlit display allow an easy measurement and a simultaneous display of results, temperature, date and time and other parameters. Memory for 25 data records, each with date and time stamp, allows an easy recording of key parameters. The device is equipped with replaceable electrodes to ensure a long service life and long-term functionality.</p> <ul style="list-style-type: none"> • 0-14pH, 0-60°C • Automatic temperature compensation <p><u>Delivery includes:</u></p> <ul style="list-style-type: none"> • Device in a robust plastic box with possibility for hanging • 2 batteries • Lanyard • Operating instructions SD 50 pH • In addition: pH 4, 7, 10 buffer tablets (1 strip each with 10 tablets) 	0810-101-00	B

ACCESSORIES		
DESCRIPTION	ART. NO.	
PH ELECTRODE	0161-102-00	F








REAGENTS FOR ELECTRONIC ANALYSERS		
REAGENT	ART. NO.	
Buffer tablets pH 4	0101-143-00	C
Buffer tablets pH 7	0101-144-00	C
Buffer tablets pH 10	0101-145-00	C
Buffer solution pH 4 - (1l)	0101-146-00	C
Buffer solution pH 7 - (1l)	0101-147-00	C
Buffer solution pH 10 - (1l)	0101-148-00	C

MANUAL TEST KITS





Source: Toscana Terme

MANUAL TEST INSTRUMENTS




DESCRIPTION	UNIT	PACK. UNITS	ART. NO.	
 <p>Easytest Chlorine</p> <p>50 test strips (rapid test) for an easy measurement and control of the pH value (measurement range: 6.0 - 9.0) and the concentration of free chlorine (measurement range: 0 - 20mg/l) in water samples.</p>	1	1	🌟 1420-013-00	F
 <p>dinotec Pooltester DPD1</p> <p>Test device with 2 x 30 tablets for an easy measurement and control of the pH value (measurement range: 6.8- 8.2) and the chlorine and bromine concentration (measurement range: 0.1 - 6.0) in water samples.</p>	1	12	🌟 1420-025-00	F
 <p>dinotec Pooltester DPD4</p> <p>Test device with 2 x 30 tablets for an easy measurement and control of pH value (measurement range: 6.8 - 8.2) and active oxygen concentration (measurement range: 1.0 - 15 mg/l) in water samples. Suitable for measurement of dinofresh concentrations.</p>	1	10	🌟 1420-026-00	F
 <p>dinotec testing kit Poolcare OXA</p> <p>Test device for a titrimetric measurement and safe control of the active oxygen concentration (measurement range: 0 - 30 mg/l) in water samples. Suitable for measurement of the concentrations of Poolcare OXA liquid, Poolcare OXA SUPER liquid and Poolcare OXA 12.</p>	1	1	🌟 1420-006-00	F
 <p>Easytest ACTIVE</p> <p>50 test strips (rapid test) for an easy measurement and safe control of pH value (measurement range: 6.8-8.2) and active oxygen concentration (measurement range: 3-50) in water samples. Suitable for measurement of the concentrations of Poolcare OXA liquid, Poolcare OXA SUPER liquid and Poolcare OXA 12.</p>	1	1	🌟 1420-014-01	F
 <p>Easytest</p> <p>Rapid test for an easy measurement and control of the carbonate hardness (1 drop corresponds to 1°KH) and total hardness (1 drop corresponds to 1°dH) in water samples.</p>				
Carbonate hardness	1	1	🌟 1420-022-00	F
Total hardness	1	1	🌟 1420-023-00	F
 <p>TITRATION TEST SET</p> <p>Measuring instruments for determination and a safe control of the carbonate hardness or the m-value (acid capacity up to pH 4.3; KS 4.3) in water samples. Measuring range: 0 - 20 °dH or 0 - 7 mmol/l.</p>	1	1	🌟 1420-007-00	B



MEASURING KITS ELECTROLYSIS

DESCRIPTION	UNIT	PACK. UNITS	ART. NO.	
 <p>TESTING KIT ACTIVE CHLORINE AND TOTAL HARDNESS IN CASE The testing kit is supplied in a practical carrying case.</p>	1	1	☀️ 0500-555-00	B
 <p>MEASURING KIT TOTAL HARDNESS Titration kit for determination of total hardness of water</p>	1	1	☀️ 1410-155-00	B

REFILL PACKS FOR TESTING DEVICES

DESCRIPTION	ART. NO.	
 <p>POOLCARE TEST KIT Replacement reagents</p>		
Reagent A	🏠 1420-930-00	B
Reagent B	🏠 1420-931-00	B
Reagent C	🏠 1420-932-00	B
 <p>POOL TESTERS Replacement reagents</p>		
Carbonate (titration solution)	🏠 1420-935-00	B
Carbonate (indicator red)	🏠 1420-936-00	B
 <p>REAGENTS NOVA CRYSTAL Replacement reagents</p>		
Tablets pH	🏠 1420-017-00	B
Tablets Dechlor	🏠 1420-913-00	B
Brush for testing kit	🏠 1430-917-00	B