

# Lovibond® Water Testing Tintometer® Group



## Scuba3s HR

Smart electronic pool tester for advanced pool and spa control

Part Number: 216210



- Wireless data transfer via NFC
- Lovibond® PoolAssistant app for pool maintenance & measurement results
- All important pool parameters
- Light signal (green/red) to indicate safe water conditions

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### NFC: Data transmission via chip

**The passive NFC chip** The passive NFC chip in the Scuba3s ensures wireless data transfer to an external device with an active NFC reader (e.g. smartphone). It works like putting on your debit card when shopping:

Simply hold the mobile phone close to the Scuba3s - and everything is on the device. All data records are transferred simultaneously and are immediately available in the PoolAssistant app for evaluation. A data set includes the serial number and firmware version of the device, the name and number of the method, the dates and time of the measurement, the results and the units. A cloud is also available for data storage.

### The PoolAssistant app: Quick overview always & everywhere

**The PoolAssistant app** helps you to evaluate the measurement results. After transfer via NFC, up to 3 users can immediately call up the data for each control parameter for a maximum of 5 pools. The app also classifies the results as diagrams for you and gives you tools for the right pool care, the appropriate chemistry and water quality. In the FAQ section, all important questions about pool water care, water hygiene or Langelier index are answered. You can also get valuable tips here.

### Light signals for instant certainty

**The light signals** in the Scuba3s immediately show via the coloured backlight of the display whether the measurement result "fits" or not. If the light is green, the measurement result is within the ideal measuring range and you can start having fun in the pool. If the light is red, caution is advised: The measurement result is above or below the globally accepted measurement range for safe swimming. Also when evaluating data with the PoolAssistant app, the results are classified

with green and red signal colours. The app also helps you to find the cause.

### More control parameters

**With 11 tests**, the Scuba3s offers even more possibilities to control the water quality in the pool based on the most important ingredients. For this purpose, choose with just a few button presses: chlorine (total, free, bound), alkalinity-m and urea provide information on whether the water quality in the pool is correct. The measuring process is now even faster.

### New design, more functionality

**Its ergonomic design** remains: The Scuba3s also fits comfortably in one hand. The back is flattened so that it cuts a good figure everywhere. With the screwable battery compartment, the electronic pool tester is guaranteed waterproof and joins in every pool fun with reliable results. With 4 multifunction buttons, you can easily find your way around the user menu on the larger display accompanied by intuitive animations and icons.

### Industry

Pool Domestic | Pool Services

### Application

Pool Water Control

### Scuba3s HR

The Scuba is a must-have at every pool worldwide. The new generation of the popular electronic pool tester now makes monitoring pool

hygiene even faster, more versatile, more handy and easier. Mobile analysis management included!

## Measuring Range

Test Name	Measuring Range	Chemical Method
Alkalinity-m HR T	50 - 500 mg/L CaCO <sub>3</sub>	Acid / Indicator
Bromine T	0.2 - 22.5 mg/L Br <sub>2</sub>	DPD
Chlorine HR T	0.2 - 10.0 mg/L Cl <sub>2</sub> <sup>a)</sup>	DPD
Copper T	0.1 - 5 mg/L Cu <sup>a)</sup>	Biquinoline
CyA T	20 - 120 mg/L CyA	Melamine
Hardness Calcium (B) T	50 - 500 mg/L CaCO <sub>3</sub>	Murexide
Phosphate LR T	0.06 - 3.0 mg/L PO <sub>4</sub>	Phosphomolybdenum Blue
pH-value T	6.5 - 8.4 pH	Phenol Red
Urea T	0.2 - 5.0 mg/L Urea	Indophenol / Urease

## Technical Data

<b>Optics</b>	White LED, multichannel optical sensor with diffusor.
<b>Display</b>	LCD dot matrix with backlight (white/red/green), 35 x 25 mm
<b>Interfaces</b>	NFC (Near Field Communication)
<b>Operation</b>	Foil keypad
<b>Auto – OFF</b>	Yes
<b>Internal Storage</b>	100 data sets
<b>Power Supply</b>	2 batteries (AA)
<b>Battery Life Time</b>	approx. 5000 measurements (without backlight)
<b>Portability</b>	Portable
<b>Degree of Pollution</b>	2
<b>Maximum altitude above sea level</b>	3500 m
<b>Environmental Conditions</b>	temperature: 5-50 °C relative humidity: 30-95 %, non-condensing
<b>Protection Class</b>	IPX7-Protected against the effects of temporary immersion in water according to DIN EN 60529

<b>Compliance</b>	CE UKCA
<b>Dimensions</b>	70 x 45 x 145 mm
<b>Weight</b>	165 g
<b>Weight with Packaging</b>	165 g

## Delivery Scope

- Scuba3s In plastic box
- 20 DPD No.1 HR tablet reagents
- 20 Phenol Red Photometer tablet reagents
- 10 DPD No.3 HR Evo tablet reagents
- 10 CyA-Test tablet reagents
- 10 Alka-M-HR Photometer tablet reagents
- 10 Calcio-H No.1 tablet reagents
- 10 Calcio-H No.2 tablet reagents
- Instruction manual
- 2 Batteries (AA)
- blue lid
- Stirring rod

Title	Part Number
Rubber seal cap for Scuba	19802218
Stirring rod, blue, 10 cm	364107

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