



REEF FACTORY

# Smart tester

**Accuracy, Quality, Reliability**

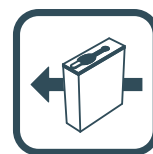
Select a parameter and measure it automatically



Reef Factory  
pump head



Smart Reef  
notifications



Easy to setup  
cartridges

# Smart tester

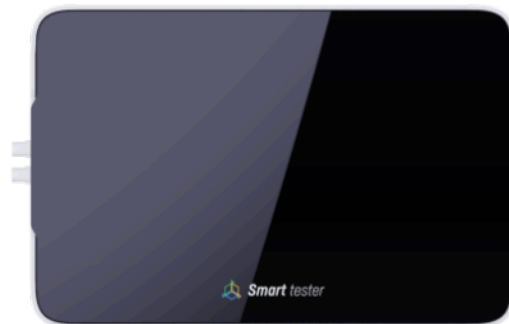
Ca

Mg

NO<sub>3</sub>

PO<sub>4</sub>

Introducing the revolutionary Smart Tester - an advanced device for testing key water parameters in marine aquariums. This fully automated and precise tester provides instant and accurate results of the selected parameter, which can be easily accessed via the Smart Reef app. With the ability to schedule measurements and easily replace reagent cartridges, the Smart tester makes monitoring tank parameters a breeze. The device is designed so that calibration is rarely performed and cleaning is automatic, providing unparalleled convenience. From now on, not only will you be able to automate the testing of the selected parameter Ca, Mg, NO<sub>3</sub>, PO<sub>4</sub>, but also, with the help of actions that integrate the Smart tester with dosing pumps, automate the maintenance of the selected parameter at a certain level.



## Key features

- managed remotely with the Smart Reef app
- up to 160 tests on one set of reagents\*
- fully automated analysis
- quiet and precise operation of the original, in-house manufactured dosing pumps
- quick replacement of the tested parameter based on easy-to-install reagent cartridges
- uses only 50 ml of water per single measurement
- built-in auto-calibration of the device
- compact size 210x140x95 and modern design
- easy installation in the sump using DIN rail

## Smart functionalities

- information about current reagent levels
- clear measurement history allows you to compare changes occurring in the tank
- possibility to automate processes using measurement schedule and dedicated actions
- precise meter of consumed water
- option to perform the test out of schedule
- notifications about upcoming measurement set replacement and detected anomalies
- clear wizard facilitating the maintenance process of the measuring vessel
- water refilling with automatic actions

## Smart tester Reagents pack



	Mg	PO <sub>4</sub>	NO <sub>3</sub>	Ca
number of tests	~50	160	Coming soon	Coming soon
range	800-1800 ppm	0,00-3,00 ppm	Coming soon	Coming soon
test duration	~40-60 min	~40 min	Coming soon	Coming soon

# Smart Reef 360

Innovative method Smart Reef 360 combines three key areas:



## Smart Devices

KH keeper Plus, Smart tester, pH meter, Thermo control, Thermo view, Salinity guardian



## Smart Reef App

Mobile application for comprehensive aquarium management



## Reef Care Products

Smart Components, Reef Minerals, Smart ICP -OES, Smart test kits



**The Smart Reef 360 method** allows for water analysis according to specific needs, and all results are easily accessible through the Smart Reef App in a clear Parameters Panel or ICP Panel. The application provides detailed recommendations for supplementation to maintain the best possible environment for corals. These recommendations are transmitted to dosing pumps, which then precisely dose the recommended amounts of our high-quality Reef Care products, providing essential elements to the water for the animals' life and health.

**Thanks to the Smart Reef 360 method, managing a marine aquarium has never been easier and more convenient.**