



# SCHENKER WATERMAKER SMART 100 DIGITAL



## Product description:

### **SCHENKER SMART 100 DIGITAL WATERMAKER 100 LT/H**

SCHENKER SMART 100 DIGITAL is a watermaker equipped with a membrane of 4" x 40" thanks to which it can deliver 100 l / h of osmosis water.

Thanks to the very low power consumption SCHENKER SMART 100 DIGITAL can be powered directly from batteries. It is possible to install the watermaker even in the absence of a generator set. Thanks to the 80% lower power consumption and the lack of a generator, the CO2 emissions required for water production are reduced by over 85%.

The use of Schenker watermaker is extremely simple, as no adjustment is required. In fact, all systems are equipped with automatic pressure regulation. Therefore, no direct access to the watermaker is necessary. All functions are carried out remotely via the remote panel.

The SCHENKER SMART 100 DIGITAL does not use high-pressure pumps. The result is an extremely quiet operation and a total absence of vibrations.

The parts of the watermaker that come into contact with seawater are mostly carbon fiber or acetal resin. The SCHENKER SMART is therefore totally corrosion-free.

The sealing and sliding elements of the SCHENKER SMART 100 DIGITAL are made of innovative skids manufactured using nano-technology. These materials have an abrasion resistance that is up to 15 times higher than that of steel.

SCHENKER SMART systems, as an alternative to the high-pressure pumps of conventional systems, use the new patented ENERGY RECOVERY SYSTEM ®, which amplifies the pressure provided by low-pressure pumps, allowing a very high energy efficiency. Schenker's typical power consumption is only 4 Watt/liter.



### **Kit Contents:**

- Watermaker with Energy Recovery System
- Feed pump with seawater filter
- Activated carbon filter with solenoid valve
- Mains filter sea intake
- Filter key
- Non-return valve
- Fresh water production pipe (5 meters)
- Electronic control unit
- Digital remote panel
- Extension cable (10 meters) remote panel
- Installation kit (assortment of screws and fittings)
- Instruction manual

### **Remote control functions:**

- Start/Stop
- Timer
- Automatic flushing
- Intensive flushing
- Periodic flushing
- Automatic start-up
- Hour meter
- Assisted maintenance

### **TECHNICAL FEATURES SCHENKER SMART 100 DIGITAL**

Power: 400 W

Power supply: 12 / 24 / 48 VDC o 230 VAC

Flow rate: 100 Lt/h

Membranes: n.1 4" x 40"

Control panel: Digital

Length: 1233 mm

Width: 365 mm

Height: 282 mm

Weight: 48 Kg

If you are looking for a watermaker with different technical features visit our [dedicated area](#)

Images and technical data are not binding.



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**Product features:**

Power (W): 400  
Length (mm): 1233  
Width (mm): 365  
Height (mm): 282  
Feed Type: 12 / 24 / 48 VDC o 230 VAC  
Production for hour at 25°C (Lt/h): 100  
Daily production at 25°C (Lt/day): 2400  
Membranes: n.1 4" x 40"  
Remote panel: Digital  
Weight (Kg): 48

