



HYDRO-BIOS

Smart Sampling

Datasheet Twin Fire (436 996)



Twin Fire

The time-tested Multi Water Sampler technology reduced to the max – releasing two water sampler at precise depths

The Twin Fire Module consists of two Plastic Water Samplers (Niskin type) of 1.7 litres capacity each, mounted to a stainless steel rack which is equipped with a motor-driven release device. Power supply is made by internal rechargeable LFP batteries, using the safest Li-chemistry currently available. The digital standard model, by design, is a stand-alone instrument with integrated pressuer sensor.

Battery powered Hand Unit and Windows based [OceanLab 3](#) pc-software included.

DESCRIPTION

Online Mode

In online mode, operated in conjunction with standard electro-mechanical cables, the water sampler is actuated via push-button control by the battery powered Hand Unit. This also handles measuring data of the integrated high-precision pressure sensor (electromechanical cable required, not scope of delivery).

Offline Mode

In online mode, operated in conjunction with standard electro-mechanical cables, the water sampler is actuated via push-button control by the battery powered Hand Unit. This also handles measuring data of the integrated high-precision pressure sensor.



TECHNICAL DETAILS

height	80 cm
diameter	42 cm
weight on air	17 kg
material of frame	stainless steel
material of motor unit and battery housing	titanium, pvc
operational depth	3000 m (opt. 6000 m)
connection plug	MC BH 5F
power supply underwater unit	built-in LFP-battery
power supply deck command unit	9V (6LR61) or mains adapter 9 V
product ID	436 996