

Ifremer

**SPEEDoo**

**ROBOTIC WATER SAMPLING**





# Ifremer

## **SPEEDOO EMILY**

Weight 12 kg

Height 35 cm

Width 35 cm

Length 1.27 m

Orange Flag 1.3 m

Self-righting

Custom Labels

1.2 KW Motor

Speed 37 + km/h or 20 + kts

Positive Buoyancy 68 kg

Perimeter Grab Rope 2.54 m

Quick Change 240 WH Battery

Fast Smart Battery Chargers

High-Grade Industrial Marine Fabric Float Cover

Waterproof Internal Modular Components

Duration 12 - 14 min full power run time (equal to 70 - 100 rescues at 100 m)

Battery Operational Range of 5 + km at full power, 9 + km at slower speeds

Jet Pump Drive made of Aerospace Composites and Ceramic Bearings

Frequency hopping 2.4 GHz Transmitter Controller with 3 watt Amplifier

Isolated water collection compartment

36" Standard sample depth

Pressure Sensor to prevent overfilling

1000 ml bags

1000 ml per minute collection and purge

Capacity for 4, 1000 ml bags

Built-in-line cleaning system

Eco-friendly Peristaltic Pump

Medical grade valves, lines and collection bags

Tracking and collection data on App over wireless

Airline Bag, empty weight 4.4 kg



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