

OCEAN α

REMOTE CONTROL SURVEY BOAT

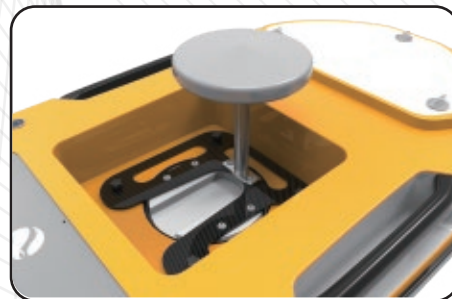
SL20Y

Autopilot version optional

Designed For Maximum Efficiency
In River Discharge Measurement
and Bathymetry survey



Compact and lightweight for
one man hand-carry, easy to
launch and retrieve



177 mm wide moon pool for
different ADCP/singlebeam
echo sounder deployment



Robust and tangle free pro-
pulsion system, top speed
5m/s



105cm length flexible for
field transportation



SPECIFICATIONS

Physical

Hull Material	Carbon Fiber
Dimension	(L)105 cm *(W)55 cm *(H)35 cm
Weight	17 kg
Payload	8 kg
Propulsion	Electric Water jet propulsion
Moon Pool	177 mm
Draft	15 cm

Communication

Remote Control	Radio Frequency
Remote Control Frequency	900 MHz / 2.4 GHz
Remote Control Range	1 km
Data Telemetry Frequency	2.4 GHz / 5.8 GHz
Data Telemetry Range	2 km

Performance

Survey Speed	1.5 m/s
Max. Speed	4.5 m/s
Battery Life	6 hours @1.5m/s
Battery Pack	1 x 33.6V 40Ah Quick Battery Replacement

Instrumentation

18S SBES	Teledyne RD Instruments RiverRay
Echologger series SBES	Teledyne RD Instruments RiverPro
Hydrobook SBES	Linkquest Flowquest
Sontek RiverSurveyor S5 / M9	

Optional

Autonomous control
ADCP telemetry module

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