

REACH ALPHA 3

3-FUNCTION MANIPULATOR

The world's smallest, lightest, three-function subsea manipulator.

- All-Electric.
- 3-Functions for Precise Manipulation.
- Designed and Tested for Harsh Environments.
- Intuitive User Interface with 3D Visualisation and Telemetry.
- Software Developer Kit (SDK) for Custom Control Applications.



TECHNICAL SPECIFICATIONS	
Functions	3
Reach	210 mm / 8.3 in
Wrist Rotation Torque	0.6 Nm / 5 lb-in
Wrist Rotation Speed	60° / s
Grab Speed	5 s
Grab Force	10 kg / 22 lb
Lift Capacity	4 kg / 8.8 lb
Weight (Air)	0.9 kg / 2 lb
Weight (Water)	0.65 kg / 1.4 lb
Outer Diameter	40 mm / 1.6 in
Connector Cable	Teledyne 6 Pin IE55 Impulse Cable
Control Modes	Position, Velocity
ELECTRICAL	
Voltage	18 - 30 V
Power (Nominal)	20 W
COMS	Serial (232 / 485)
ENVIRONMENTAL	
Rated Depth	300 MSW / 980 ft
Rated Temp	5 - 35 °C / 41 - 95 °F
Storage Temp	-10 - 80 °C / 14 - 176 °F