NEWTON SUBSEA ROV GRIPPER / BLUEYE QUICK CONNECT EDITION

SKU: BR-GRIP-NEWT



The Newton ROV Gripper is an optional add-on to the Blueye X3 and X1 underwater drones which enhances the ROVs capability to retrieve objects, attach recovery lines, or free a snagged tether. With the new custom made Quick Connect solution you can now easily remove and attach the Newton gripper, without having to disconnect from the Guest Port.

Supplier: Blue Robotics

TECHNICAL SPECIFICATIONS

Compatibility

Compatible ROV models	X1, X3, X3 Ultra, X7

Mechanical Specifications

Grip Force (at tip)	97 N / 22 lbf
Grip Force (in middle)	124 N / 28 lbf
Push-rod Axial Load Rating	3 kg / 6.6 lb
Minimum Linear Piston Travel	13.5 mm / 0.53 in
Jaw Opening	62 mm / 2.44 in
Time to Open/Close	1.6 s

Physical Specifications

Housing Material	Aluminum 6061-T6
Pressure Rating	300 m / 984 ft
Overall Length (Closed)	294 mm / 11.57 in
Overall Length (Open)	300 mm / 11.81 in

Body Primary Diameter	35 mm / 1.38 in
Weight in Air (w/ cable)	616 g / 21.9 oz
Weight in Water (w/ cable)	260 g / 9.2 oz