

W1 Work Class ROV Probe Handler



The Cygnus W1 Probe Handler is designed for use on Work Class ROVs. It can be held by a manipulator arm and supplied with either T bar or Fish Tail handles. It is constructed from 316 stainless steel throughout. Ultrasonic probe alignment is provided by a double jointed coupling that provides 15 degrees of movement in both planes guided by four pins. A shock absorbing spring reduces any impact loading on the unit. The design allows the manipulator arm to present the ultrasonic probe to the surface to be measured, any misalignment will be taken up by the coupling resulting in less movement of the manipulator arm position.

Specifications

Product	W1 Work Class ROV Probe Handler
Country of origin	UK
Manufacturer	Cygnus Instruments Ltd

Specifications

Size	170 x 150 x 90 mm (6.7" x 6" x 3.5") Excluding handle
Weight in air	5 Kg (11 lbs)
Depth rating	3000 msw
Material	316 Stainless Steel
Spring force	15 Kg spring starts to compress
Probe types	2.25 MHz 13mm with Membrane (3.5 MHz & 5MHz at special request)
Probe cable	5 m Double Jacket Coaxial (other lengths at special request)
Cable termination	Nosecone compatible with Cygnus ROV systems
Warranty	3 Years / 6 Months on probe

Part numbers

Handler	001-8311 W1 Handler less probe & handle
Probes	001-8318 Probe for W1 & M5 ROV 2km or 4km rated, with 5m cable 001-8317 Probe for W1 & M4 ROV 500m, 1Km or 3km rated (nosecone) with 5m cable
Handles	001-8315 1/2" T-Bar Handle 001-8314 3/4" T-Bar Handle 001-8316 1/2" Fishtail Handle

