

## ROV Thickness Gauge

ROV Tools.



### DESCRIPTION

The Cygnus W1 Probe is designed for use on Work Class ROVs. It can be held by a manipulator arm and supplied with T bar handle. 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. The thickness measurer system includes ROV mountable processor / data logger.

### FEATURES

- Removable end plate for full serviceability
- Double jointed compliant mounting
- T-Bar Handle
- Complete with processor to connect to ROV
- Supplied in offshore suitable transit case.

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### SPECIFICATIONS

Depth Rating	4,000m
Spring Force	15kg spring starts to compress
Accuracy	±0.1 mm or ±0.05 mm
Compliance	British Standard BS EN 15317:2000
Approx Size	170 x 150 x 90 (Excluding Handle)
Operating Temp	-10 °C to +50 °C
Thickness Range	3-250mm
Handle	T-Bar

### WHAT'S IN THE BOX

Measuring probe  
Probe Handler  
5m Probe Cable  
Data processing and logging PV  
Cable to connect processor to ROV  
Operations & Maintenance Manual.

### PART NUMBERS & OPTIONS

A036-071-001                      ROV Thickness Gauge System