



## CYGNUS FAMILY OF ROV MULTIPLE ECHO ULTRASONIC METAL THICKNESS GAUGES

Multiple echo ultrasonic metal thickness gauging means that coatings **DO NOT** have to be removed - only measure the metal - no grinding - measure on rough corroded surfaces with minimal surface preparation - fast -- accurate **VERIFIED MEASUREMENT** - reliable - repeatable results - easy to use - approved by ABS and Lloyd's - manufactured to ISO 9002 standards



The Cygnus ROV is a dedicated ROV mountable ultrasonic metal thickness gauge. These gauges have been engineered to mount aboard most types of world class ROV's with manipulator facility or small ROV units. Dedicated software displays and stores the measurement location, the measurement and the date and time. The software is also used to calibrate the gauge. Files can be further transferred to other software. Only one twisted pair is required to transfer data. Power can be taken directly from the ROV or powered topside via another twisted pair. Accuracy and resolution is +/- .005" (+/- 0.1mm) and the measurement range is from .100" to 9.995" (with a 2.25 MHz probe).



Cygnus offer three versions of the ROV thickness gauge.

**SHALLOW WATER** - This version is made from Delrin and has been pressure tested to a depth of 3,300 feet (1,000m)

**DEEP WATER** - This version is made from stainless steel and has been pressure tested to 10,000 feet (3,000m) (not shown)

**MINI ROV**—This gauge is made from Delrin and has been pressure tested to 1,600 feet (500m).



**UNIVERSAL PROBE HOLDER** - This unit was designed for most ROV's

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