

## Cygnus 1 Underwater Multiple Echo Ultrasonic Thickness Gauge

A tough, rugged Ultrasonic Thickness gauge using our Multiple-echo technology, designed for use by divers undertaking subsea surveys. The instrument is rated to a depth of 1,000 ft. (300 m). The Cygnus 1 Underwater is supplied ready to use as a complete kit in a protective carry case with 2 rechargeable batteries.

### Features:

- Pressure rated to 1,000 ft. (300 m)
- Heavy duty sealed unit with double 'O' ring protection
- Remote probe with 3' (0.9 m) lead for measuring in awkward locations
- Rugged construction – shock proof
- Stable calibration n- linear accuracy – no zero adjustments
- Large bright LED display for use in poor visibility
- Self verification of the measurements to ensure accuracy
- Two rechargeable NiMH batteries
- Fixed head probe option for one handed use
- Displays sound velocity settings
- Echo strength indicator to aid measurement
- Low Battery warning
- Inch/Metric switchable
- Easy calibration using convenient buttons – **NEW FEATURE**
- “Deep-Coat” mode measuring through coatings up to ¾” (20 mm) thick – **NEW FEATURE**
- Automatic probe recognition – **NEW FEATURE**



### Kit Contents:

Instrument, heavy duty remote 2.25 MHz ½” (13 mm) probe, 2 rechargeable NiMH batteries and battery charger, spare membranes and 'O' rings, steel test block, lanyard, operation manual and Pelican carry case.

Specifications:	
Materials	Sound velocities between 0.059 to 0.31 in/microsec (2,000 m/s and 7,000 m/s)
Range in Steel	0.110” - to 9.995” (3mm– 350mm) with 2.25 MHz probe 0.065” - to 9.995” (2mm - 150mm) with 3.5 MHz probe 0.045” – to 9.995” (1mm - 50mm) with 5.0 MHz probe
Accuracy	+/- 0.005” (0.1mm) OR +/- 0.002” (0.005mm)
Resolution	0.005” (0.1mm) or 0.002” (0.005mm)
Probes	Remote single crystal soft faced compression ½”standard (13mm) – 2.25 MHz ¾” (19mm) – 2.25 MHz
Power	2 rechargeable NiMH batteries
Display	Red LED on black background with 3/8” digits
Size	8 3/8” x 3” (238 x 85 mm)
Weight	20.0 oz (700g)
Compliance	CE, RoHS, BS EN 15317 WEEE compliant



**THREE YEAR WARRANTY**