



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

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CYGNUS UNDERWATER ULTRASONIC THICKNESS METER SY-CYGNUS-UT



The Cygnus Underwater is the original diver-held subsea Multiple-Echo ultrasonic thickness gauge. It was designed for use by divers undertaking subsea maintenance and surveys 3 decades ago... and today it is still an industry standard.

Ideal for hull UTM inspection, civil engineering, marine structures, offshore platforms, underwater structures, e.g. bridges, tanks, canal locks, subsea pipelines and equipment, UWILD or IWS class surveys.

Product Code: SY-CYGNUS-UT

Cygnus Underwater Kit Includes:

- Cygnus Underwater gauge body
- Lanyard and molykote and tommy bar
- 2 rechargeable NiMH battery packs
- Battery charger and leads
- Transducer for Cygnus Underwater, supplied as nosecone assembly with 1m cable
- Membrane couplant
- **Accessories:** spare o-rings; spare membranes, membrane locking ring key, 15mm test block; torque (Tommy) bar; calibration jumper lead





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Specifications	Details
Materials:	velocities between 2000 m/s and 7000 m/s (0.0800 in/us to 0.2780 in/us) – covers virtually all common engineering materials
Measurement range:	In steel 1mm – 250mm (0.040” – 10.000”) depending on selected probe and configuration, material and temperature
Accuracy :	±0.1 mm or 0.1% of thickness measurement, whichever is greatest, when calibrated in accordance with Cygnus Instruments calibration procedure
Resolution :	0.1 mm or 0.05 mm (selectable) (0.005” or 0.002”)
Probe Options:	Single crystal probes Power 2 x rechargeable NiMH battery packs

Features:

- RINA approved (Certificate No. 2009DGPO787).
- Auto Probe Recognition (APR).
- “Deep-Coat” mode for measuring through coatings up to 20mm thick.
- Easy calibration using convenient buttons.
- Rugged, durable, shock-proof construction.

Applications:

- Hull UTM inspection
- Civil engineering
- Marine structures
- Offshore platforms



SYNERGY INFRASTRUCTURE





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Contact us



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AN ISO 14001:2015 EMS CERTIFIED COMPANY

