CYGNUS THICKNESS GAUGE DIVER HELD

GENERAL DESCRIPTION

Hand-held, digital, ultrasonic thickness gauge for underwater use. Measures metal thickness to determine wastage or corrosion underwater - accurately, quickly and without removing surface coatings.

Applications
- Metal thickness/corrosion checks on offshore structures and ships' hulls
- Safety corrosion monitoring of pipelines and storage vessels
- Metal thickness/wear checks on anchor chains, jetties, dock gates and piers
- Ship classification surveys

Features
- Watertight and pressure tested to 300m depth
- Double 'O' ring seal arrangement to ensure reliability
- Remote probe with 1.35mm lead for measuring in awkward locations
- Rugged construction - shock proof
- Stable calibration - linear accuracy - no zero adjustment
- 1.0 - 200mm measurement range
- Probe options
- Rechargeable batteries with charger
- Usable on metals and other materials
- 'On' switch is only control - automatic 'Off'
- Large/Bright LED display
- Metric/Imperial selectable

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TECHNICAL SPECIFICATIONS

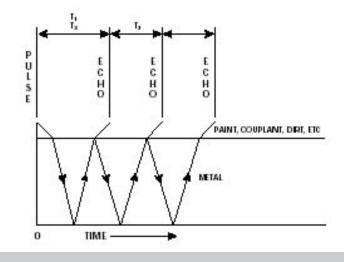|	
Materials:	Sound velocities between 2,500 and 7,000 m/s
Range:	2.5-200mm (with 2.25MHz probe) down to 1mm with 5.0MHz probe
Accuracy:	±0.1mm
Resolution:	±0.1mm
Probes:	Single soft-faced compression, fixed head or remote probe options for use in awkward corners, pits and on small diameter pipe, etc.
Power:	6V DC rechargeable
Charger:	110/220V AC 50/60 Hz

ASSEMBLED INSTRUMENT

Weight:	1.2kg
Size:	305 x 85mm overall (excluding probe lead)
Kit Contents:	Instrument, 2 rechargeable batteries and battery charger, remote 2.25 MHz 13mm dia. probe, spare 'O' rings and membranes, steel test block, lanyard, calibration trim tool, operation manual and carry case. A fixed head probe is available as an optional extra.

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