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
CYGNUS THICKNESS GAUGE
DIVER HELD

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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