



CYGNUS HEAVY DUTY ULTRASONIC THICKNESS GAUGE



Cygnus Heavy Duty ultrasonic thickness gauge is designed for use in tough and demanding environments where a rugged construction is essential to accurately gauge corrosion measurement and to determine metal thickness without having to removing protective coatings.

IDEAL FOR
USE IN



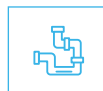
MARINE
STRUCTURES



STORAGE
TANKS



SHIP
SURVEYS



PIPELINES
/TUBES



CIVIL
ENGINEERING

...cranes, conveying systems, steam and pressurised water systems, transportable gas containers, compressed air systems, process vessels and street lighting columns.



CYGNUS HEAVY DUTY KEY FEATURES



- Heavy duty sealed unit - highly water and dust resistant
- Rugged construction - shock proof
- Stable calibration - linear accuracy - no zero adjustment
- Self verification of the measurements to ensure accuracy
- Various probe options
- Displays sound velocity settings
- Echo strength indicator to aid measurement
- Bright LED display with polarised filter
- Gauge senses probe type and automatically adjusts settings for optimum performance
- Low battery warning
- Metric / imperial switchable

BENEFITS OF MULTIPLE-ECHO

- Measures remaining metal thickness on corroded and coated structures
- All measurements are error checked using 3 return echoes to give repeatable, reliable results
- Accepted by all major classification societies
- Greatly reduces inspection time and costs
- Echo strength indicator to aid measurement.



GO TO
PRODUCT
PAGE



**BRIGHT LED
DISPLAY WITH
POLARISED
FILTER**



**WATER &
DUST
TIGHT**



**HEAVY-DUTY
SEALED
UNIT**



**RUGGED,
DURABLE,
SHOCK-PROOF
CONSTRUCTION**

CYGNUS HEAVY DUTY SPECIFICATION

Feature	Description
Measuring Mode	Multiple-Echo using 3 echoes to ignore coatings
Materials	Sound velocities from 2,000 - 7,000 m/s (0.0800 to 0.2780 in/us) - covers virtually all common engineering materials
Accuracy	0.05 mm (0.002")
Resolution	0.1 mm (0.005 inch) or 0.05 mm (0.002 inch)
Probe Options	Single crystal probes
Measurement Range in Steel	1 – 250mm (0.040 in. – 10 in.) depending on selected probe and configuration, material and temperature
Power	3 x AA alkaline batteries
Display	Bright, clear LED display with polarised filter
Size	238mm long x 85mm diameter (9.4 x 3.4 inch)
Weight	880g (31 oz) including batteries
Operating Temp.	-10°C to 50°C (14°F to 122°F)
Compliance	CE, UKCA, RoHS
Standards	Designed for EN 15317
Environmental	IP67 rated
Warranty	3 years on gauge and 6 months on probes



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