

Cygnus Instruments

Cygnus 1 Intrinsically Safe IS Ultrasonic Thickness Gauge

Pine Item #54268

DESCRIPTION:

A heavy-duty ultrasonic thickness gauge, the Cygnus 1 has been specifically for use in hazardous areas to measure corrosion defects in metal. Easy to use and featuring a lightweight, ergonomic design, the Cygnus does not require surface coating removal to gather accurate ultrasonic thickness measurement readings. The 1I.S has been certified Intrinsically Safe to both EXII 1g EEx ia IIC TG and CSA Class1, Group A, Division1 standards.

FEATURES:

- Use in a hazardous atmosphere - Ex II 1 G EEx ia IIC T6
- No plant shut-down or hot-work permit necessary
- Rugged construction
- Stable calibration - linear accuracy - no zero adjustment
- 1.0-99.9mm measurement range
- Rechargeable batteries with charger
- Usable on metals and other materials
- On switch is only a control automatic Off
- LED display with polarised filter
- Imperial readout option



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Product Specifications

Materials	Sound velocities between 2000 and 7000 m/s
Range	3 mm - 250 mm with 2.25 MHz probe
Accuracy	± 0.1mm
Resolution	0.1 mm or 0.05 mm (selectable)
Power	NiMH Rechargeable Battery
Display	LED display with polarised anti-glare filter
Operating Temperatures	-10°C to +50°C (14°F to 122°F)
Compliance	CE British Standard BS EN 15317:2007
Environmental	WEEE compliant
Probes	Single crystal soft-faced compression
Dimensions	US: 9.4 x 3 in. Metric: 235 x 75mm



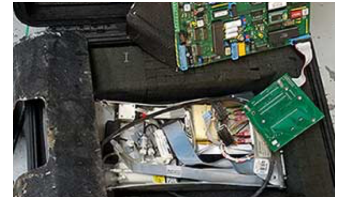
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Repair & Calibration



Rental Protection Plan