ULTRASONIC WALL THICKNESS GAUGE

For an easy handling and high operating efficiency

CYGNUS 1 - EX

Precise multi-echo-technology ignores coated surfaces

SONOTEC

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ULTRASONIC WALL THICKNESS GAUGE

The compact wall thickness gauge CYGNUS 1 - EX measures reliably through colour layers as well as protective coats. As a small and light measuring device it serves for the detection of wastage and corrosion. It is operating according to the multiple-echo-technology. The new CYGNUS 1 - EX is a high quality thickness gauge with an easy operating mode.

Examples of use

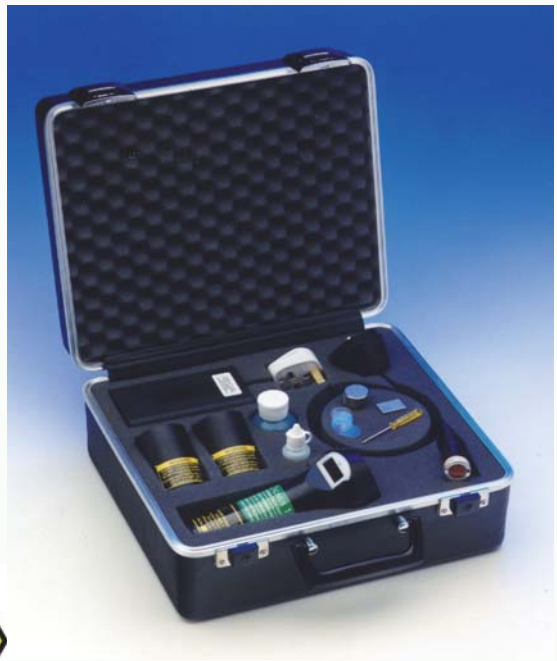
The device is intrinsically save. It was developed for the precise non-destructive testing of the wall thickness of materials such as glass, metal, ceramics and plastics in hazardous areas. It is used in different industrial sectors. The CYGNUS 1 - EX tests pipes, tanks, machine- and steel parts as well as pressure tanks for wear.

Advantages of the multiple-echo-technology

- No removals of surface coats necessary
- Considerable savings of testing periods and costs
- Even measures at rough, cragged surfaces accurately
- High reproducibility
- Simple measurement
- No zero point adjustment necessary
- Automatic probe type sensing
- Rugged, shock-proof and watertight construction

Technical data:

Materials:	sound velocity 2000 m/s and 7000 m/s
Measuring range:	measurement range in steel: 2.25 MHz remote probe: 3 mm to 250 mm 5 MHz remote probe: 1 mm to 50 mm further probes on request
Accuracy:	± 0.1 mm or ± 0.05 mm
Resolution:	0.1 mm or 0.05 mm
Display:	LCD
Size:	including probe-head and battery-pack length: 235 mm x diameter: 75 mm
Weight:	including battery-pack: with remote probe - 910 g with fixed-head probe - 819 g



SONOTEC
Certified to DIN EN ISO 9001

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