



CYGNUS 4 MULTIPLE ECHO ULTRASONIC METAL THICKNESS GAUGE

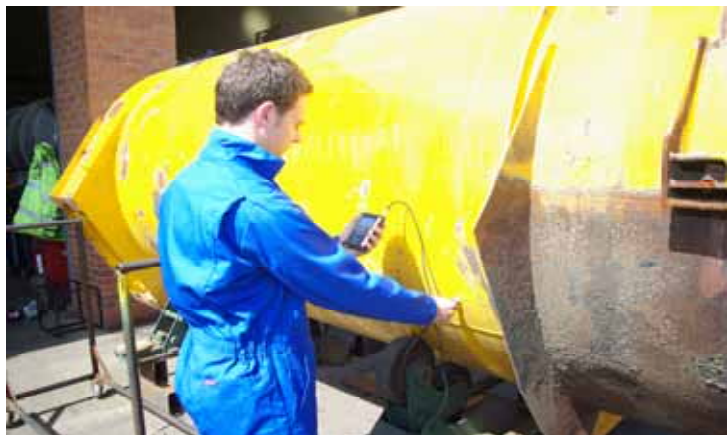
THE “**ORIGINAL**” MULTIPLE ECHO THICKNESS GAUGE

Multiple echo ultrasonic metal thickness gauging means coatings, such as paint, epoxy, coal tar, etc., **DO NOT** have to be removed in order to obtain a thickness measurement - only measures the metal - measures on rough corroded surfaces with minimal surface preparation - no grinding - fast - accurate - no false readings - repeatable results - easy to use- **VERIFIED** measurements.

Cygnus 4



- Light, rugged, small
- 8.4 oz (275 g) – anodized aluminum case
- Protective silicone sleeve offers maximum protection and versatility
- Sealed electronics - water/dirt/dust/shock resistant- IP65 rating
- LCD Graphic Display with automatic white backlight
- Automatic probe recognition
- Calibrates to a known thickness or a known velocity of sound
- Stable calibration - linear accuracy - no zero adjustment
- Echo strength displayed to aid measurement capture on difficult materials
- Facility to freeze measurement
- Operator controls inch/metric readout
- Deep-Coat mode for coatings up to 20mm thick
- Resolution/accuracy +/- .005” (0.1mm) or +/- .002” (0.05mm)



CYGNUS 4 MULTIPLE ECHO ULTRASONIC METAL THICKNESS GAUGE

Complete Kit



3 YEAR WARRANTY

Includes : Instruments, 2.25 MHz x 13 mm diameter probe, spare membrane, steel test block, membrane couplant, ultrasonic couplant, accessory pouch, protective silicone sleeve with neck strap, operation manual, carry case.

Specifications

Materials : Sound velocities between 2000 m/s and 7000 m/s - covers virtually all common engineering materials

Range in Steel : 0.110" - to 9.995" (3mm – 250mm) with 2.25 MHz probe

0.065" - to 9.995" (2mm – 150mm) with 3.5 MHz probe

0.045" - to 9.995" (1mm – 50mm) with 5.0 MHz probe

Accuracy : +/- 0.005" (0.1mm) OR +/- 0.002" (0.005mm)

Resolution : 0.005" (0.1mm) or 0.002" (0.005mm)

Probes : Remote single crystal soft faced compression

½" heavy duty standard (13mm) – 2.25 MHz

¼" (6mm) – 5 MHz

½" (13mm) – 5.0 MHz or 3.5 MHz

¾" (19mm) – 2.25 MHz

Power : 2 X AA Alkaline batteries – option rechargeable batteries

Battery life : 30 hours continuous operation with alkaline batteries (backlight on)

Display : Large liquid crystal display with white backlight automatically turns off in bright light conditions

Size : 3.4" X 4.5"

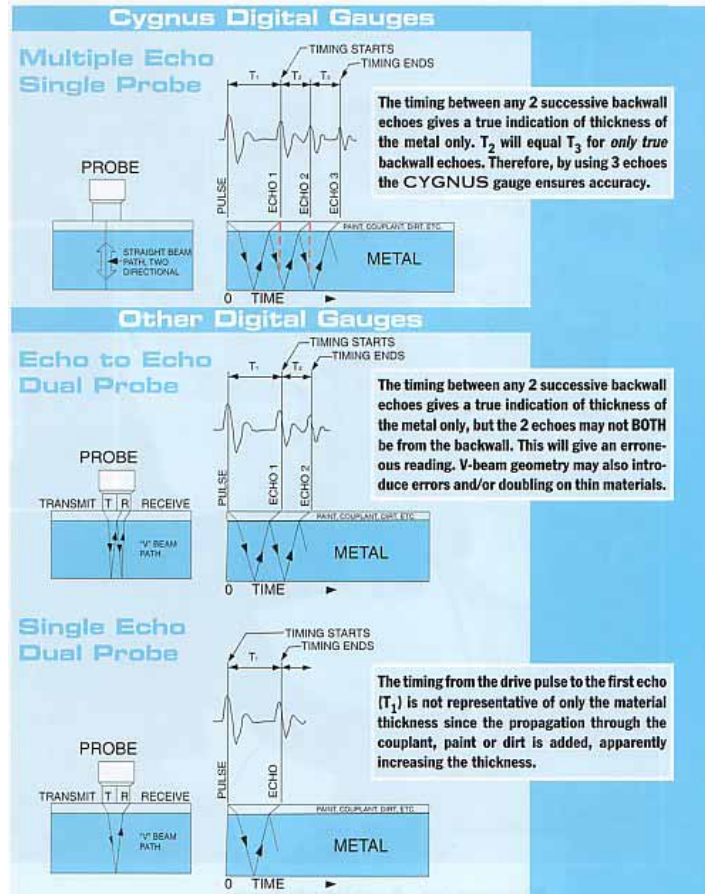
Weight : 9.7 oz

Operation Temp : 32°F to 122°F

Environmental Protection : IP65

Compliance : CE, British Standard BS EN 15317 : 2007

Environmental : RoHS, WEE compliant



CYGNUS

INSTRUMENTS

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