



CYGNUS 1 INTRINSICALLY SAFE MULTIPLE ULTRASONIC METAL THICKNESS GAUGE

THE “ORIGINAL” MULTIPLE ECHO THICKNESS GAUGE

Multiple echo ultrasonic thickness gauging means coatings **DO NOT** have to be removed - only measure the metal - no grinding - measures on rough corroded surfaces with minimal surface preparation - fast - **accurate** - reliable - no false readings - repeatable results - **easy** to use - approved by ABS and Lloyd's - manufactured to ISO 9002 standards- World's first and only digital multiple echo ultrasonic thickness gauge (1983) for use in potentially hazardous atmospheres – gauges certified to Class 1 Division 1 through BASEFFA and CSA



- Rugged ultra-durable shock-proof construction
- Sealed electronics – water/dirt/dust/shock resistant
- Large, bright and eye-easy “red” LED display
- Stable calibration - no calibration drift - linear accuracy over full range – no zero adjustment
- Calibrates to a known thickness or a known velocity of sound
- Displays sound velocity setting
- Operator controls Inch or Metric readout
- Two rechargeable NiMH batteries and battery charger supplied with kit
- Echo strength displayed to aid measurements of difficult materials
- Operator probe selection for enhanced measurement

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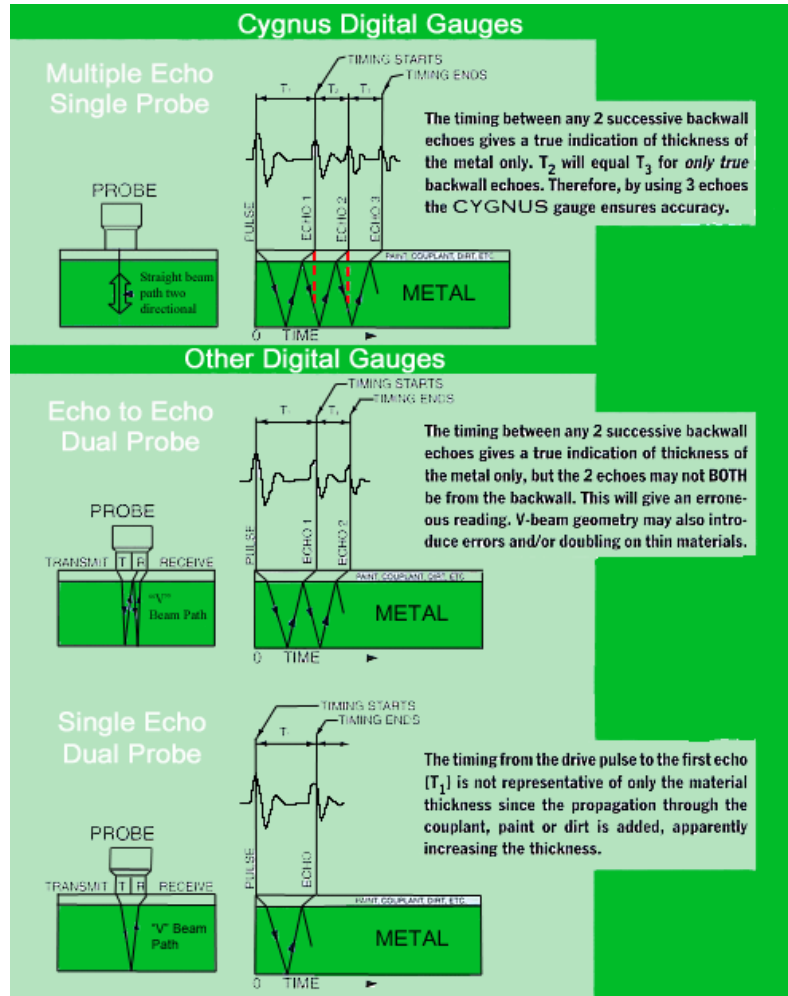
CYGNUS 1 INTRINSICALLY SAFE

Complete Kit



Includes: Instrument, 2 rechargeable NiMH batteries and battery charger, heavy duty remote 2.25MHz 1/2" diameter probe, spare "O" rings and membranes, steel calibration block, calibration trim tool, operation manual and carry case.

3 YEAR WARRENTY



Specifications

Materials: Sound velocities between 0.059 to 0.31 in/microsec (2,500 to 7,000 m/s)

Range:

0.045" to 9.995" (1.0 to 250 mm) with 5.0MHz probe
 0.065" to 9.995" (1.5 to 250 mm) with 3.5MHz probe
 0.110" to 9.995" (2.5 to 250 mm) with 2.25MHz probe

Resolution: 0.005" (0.1 mm) or 0.002" (0.05 mm)

Accuracy: +/- 0.005" (0.1 mm) or +/- 0.002" (0.05 mm)

Probes: Single soft-faced compression

Power: 2 NiMH rechargeable batteries

Display: Red LED on black background with 3/8" digits

Size: 8-3/8" x 3" (212 x 76 mm)

Weight: 28.6 oz. (808 grams)