



CYGNUS 1 HEAVY DUTY MULTIPLE ECHO ULTRASONIC 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



Features

- 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
- Easy calibration using convenient buttons
- Displays sound velocity setting
- Operator controls Inch or Metric readout
- Extended battery life on standard AA batteries
- Echo strength displayed to aid measurements of difficult materials
- Operator probe selection for enhanced measurement
- Automatic probe recognition
- “DEEP COAT” mode measuring through coatings up to 3/4” (20mm)

CYGNUS INSTRUMENTS, INC.

P.O. BOX 6417

ANNAPOLIS MD 21401

TEL: 410-267-9771 OR 1-888-CYGNUS5

FAX: 410-268-2013

EMAIL: sales@cygnusinstruments.com

WEB: www.cygnusinstruments.com

Common Applications

- Boiler Tubes
- Bridges
- Cargo Tanks—Rail
- Castings
- Chem/Petrochem Plants
- Classification Surveys
- General Inspection Above and Below Water
- Paper Mills
- Pipelines—Tanks/Pumps
- Power Plants—Pipes/Tanks
- Process Vessels—PSM OSHA Requirement
- Pump Castings
- Q.A./Q.C.
- Ships Hulls/Tanks
- Storage Tanks

CYGNUS 1 HEAVY DUTY

Complete Kit



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

Specifications

Materials

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

Range

0.040" to 9.995" (1.0 to 250.0mm) with 5.0MHz probe
 0.060" to 9.995" (1.5 to 250.0mm) with 3.5MHz probe
 0.100" to 9.995" (2.5 to 250.0mm) with 2.25MHz probe

Resolution

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

Accuracy

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

Probes

Single soft faced compression

Power

3 x AA alkaline batteries-optional rechargeable batteries

Display

Red LED on black background with 3/8" digits

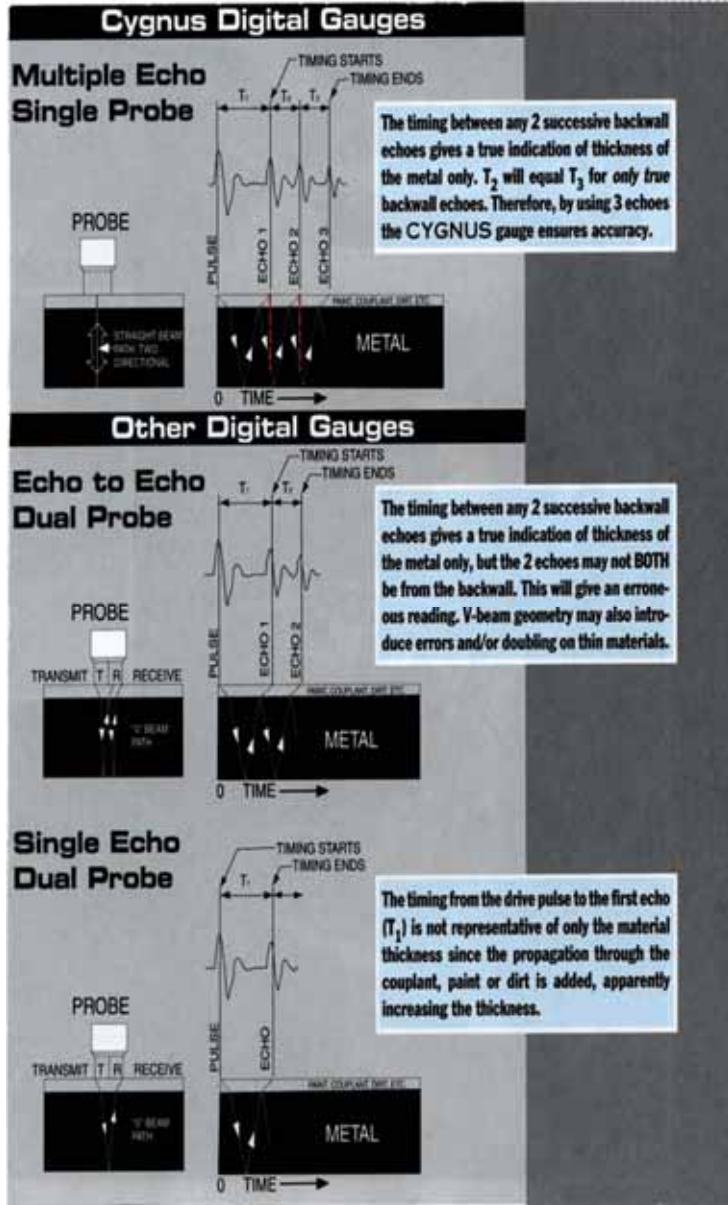
Size

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

Weight

20 oz. (700 grams)

CE, BS EN 15317:2007, ROHS WEEE COMPLIANT



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