



## CYGNUS 3 DATA LOGGER MULTIPLE ECHO ULTRASONIC THICKNESS GAUGE

THE “ORIGINAL” MULTIPLE ECHO THICKNESS GAUGE

**Multiple echo ultrasonic metal thickness gauging** means that 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**



### FEATURES OF GAUGE

- Highly water / dirt / dust resistant
- Rugged construction—shock proof
- Stable calibration—linear accuracy - no zero adjustment
- Self verification of the measurements to ensure accuracy
- Various probe options
- Echo strength displayed to aid measuring
- Dual display: Bright LED & graphical LCD display
- Probe protected by a membrane against wear and tear
- Inch / Metric switchable
- Can be carried on waist belt for ease of climbing

### FEATURES OF DATA LOGGER

- Versatile and easy to program—simple operation
- Windows ® Explorer style menu system
- Templates allow for Single Point, Multiple Point, Grid Point and Key Point setup
- Measurements logged with one simple key press
- Interfaces with PC
- Out of tolerance alarms
- Storage for 200,000 measurements

### FEATURES OF CYGLINK SOFTWARE

- Dedicated Windows® compatible software on CD
- Easy to use
- Creates 5 separate 8 1/2" X 11 reports
- Creates reports with corrosion analysis



# CYGNUS 3 DATA LOGGER MULTIPLE ECHO ULTRASONIC THICKNESS GAUGE

## Complete Kit



**Includes:** Instrument, remote 2.25MHz 1/2" (13mm) probe with lead, spare membranes, 1/2" steel calibration block, leather case with strap, accessory pouch, belt clip, dedicated windows® software on CD, RS 232 interface cable, couplant, operation manual and carry case.

## 3 YEAR WARRENTY

## Specifications

### Materials :

Sound velocities between 0.040 to 0.398 in/microsec (1,000 to 9,995 m/s)

### Range :

- 0.120" to 9.995" (3mm to 250mm)  
With 2.25MHz probe
- 0.080" to 6.0" (2mm to 150mm)  
With 3.5MHz probe
- 0.040" to 2.0" (1.0mm to 50mm)  
With 5.0MHz probe

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

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

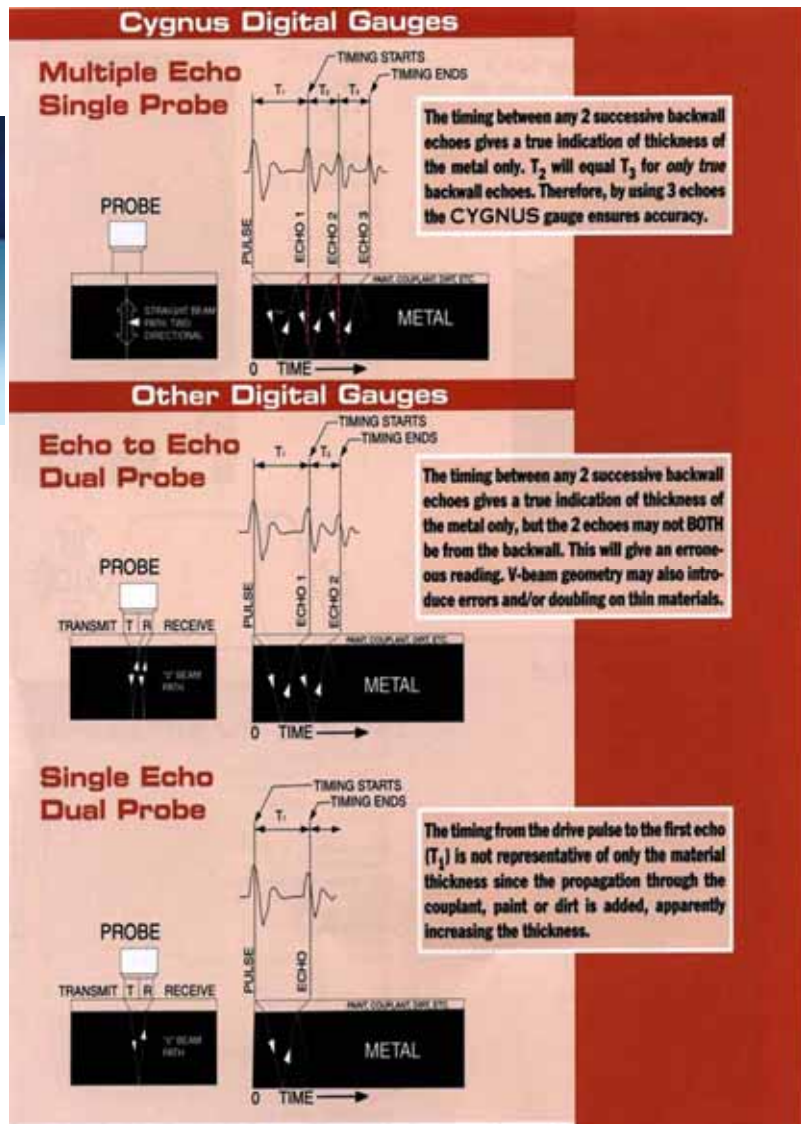
**Probes :** Single soft-faced compression

**Power :** 3 x AA alkaline batteries—optional rechargeable batteries

**Display :** Backlit LCD graphical display and large red LED display with polarized filter

**Size :** 7.75" x 2" x 3.5" (195mm x 50mm x 90mm)

**Weight :** 12.6 oz. (357 grams)



**CYGNUS INSTRUMENTS, INC.**  
P.O. BOX 6417  
ANNAPOLIS MD 21401  
TEL: 410-267-9771  
FAX: 410-268-2013

EMAIL: [sales@cygnusinstruments.com](mailto:sales@cygnusinstruments.com)  
WEB: [www.cygnusinstruments.com](http://www.cygnusinstruments.com)