



# Stroud Systems, Inc

Providing Material Testing Solutions Since 1962

## Introducing Danatronics Digital Thickness Gauges—EHC 09 Series

With more than 60 years of world-wide experience in ultrasonic designs, Danatronics is pleased to introduce our first line of portable, digital, hand-held ultrasonic thickness gages; the EHC-09DL, EHC-09 and EHC-09B. The EHC series of ultrasonic thickness gages are specifically designed to measure the remaining wall thickness of primarily steel structures.

### ◆ EHC-09B

The EHC-09B is our basic, most economical model ultrasonic thickness gage designed to make reliable, accurate thickness readings on mostly steel structures with access to only one side. Packaged in the same custom molded high density plastic case with rubber keypad as our more sophisticated models, our gage offers a simple user interface, can be used with all the transducers of the EHC-09 and Datalogger version and is easily upgraded in the field to the EHC-09 or EHC-09DL, no need to return the unit to the factory.

### ◆ EHC-09

The EHC-09 is our mid-range model combining the most commonly used features in a thickness gage not requiring a datalogger. With the EHC-09 you can increase or decrease the gain, vibrate and illuminate the keypad on alarm conditions, and with the transducer attendant the customer is informed when to replace the transducer. We offer a simple, field upgradeable path to add, echo to echo, B-scan and the 50,000 thickness datalogger.

### ◆ EHC-09DL

The EHC-09DL is the top of the line model offering all the same features of the EHC-09 plus our flexible datalogger, B-Scan and Echo to Echo. It also includes a custom molded pouch with belt clip and elastic strap to easily hold the unit in either the left or right hand.

*See product differentiation chart for more details.*

## Patent Pending Features:

- ◆ **Transducer attendant**  
informs operator when to replace transducer
- ◆ **Illuminating keypad with vibrating alarm**  
for easy to view go/no-go thickness readings tied to color; red = alarm, yellow = caution, green = good
- ◆ **Lefty/Righty user interface**  
user programmable graphics display



Stroud Systems, Inc  
600 N. Shepherd Suite # 115 Houston TX 77007  
Ph: 713-861-3270 Fax 713-861-4784

[sales@stroudsystems.com](mailto:sales@stroudsystems.com)

[www.stroudsystems.com](http://www.stroudsystems.com)

Danatronics EHC-09		Version Chart		
Item	Specification	EHC-09DL	EHC-09	EHC-09B
Thickness Gage	0.008 - 20 inches (.20 mm - 508 mm)	X	X	X
Delay Line Zero Measurement	Auto at power up with listed numeric value. Ideal for correcting delay line wear/curvature and for transducer acoustic drift at elevated temperatures	X	X	X
Scan Mode	Displays minimum or maximum thickness value at 20 measurements per second	X	X	X
Hold Mode	Holds display to retain last thickness reading with reverse video display	X	X	X
Freeze Mode	Freezes display	X	X	X
Units	Inches/Millimeters/Microseconds	X	X	X
Gain	Low, Standard or High for varying test conditions	X	X	O
Differential Mode	Displays the difference from the actual thickness measurement and a user entered reference value	X	X	O
Alarms	Minimum/Maximum depth, vibralarm, beeps and display flashes as well as keypad illumination and vibration	X	X	O
Illuminating Keypad	Green for easy, go/no-go testing (Patent Pending)	X	X	O
Automatic Probe Wear Indicator	Automatically informs the operator to replace the transducer (Patent Pending)	X	X	O
Echo to Echo	Measures the metal thickness only (ignore paint and coatings)	X	O	O
Non-Encoded B-Scan	Displays a cross section of the test piece	X	O	O
Data Logger Version	Upgrade to Data Logger Version	X	O	O
Carrying Pouch	Custom molded with belt clip and elastic strap	X	O	O

Above

X = Standardly Equipped

O—Optional Accessory



Above the EHC-09 is shown with protective pouch (standard on EHC-09DL) and optional on Base and middle model, additional transducers, couplant and test block.