

"The Right Choice"

The World's "BEST"
Precision Ultrasonic
Thickness Gage
Just Got Even
BETTER!

9000 Series

Precision Ultrasonic Thickness Gage



The Nova TG900 Series offers an outstanding value and feature set no other Precision Thickness Gage can match in a hand held digital Ultrasonic Thickness Gage.

Highlight Features include:

- User Friendly, Plain Text Menus
- 128 X 64 Graphic Display
- EASY Grip Aluminum Sealed Case
- Auto Probe Recognition
- Fully Adjustable Velocity
- 50,000 Point Data Logger
- Scrollable "SpreadSheet" View
- High Speed Scan Mode
- Single Point Calibration
- 2 Point Calibration
- High & Low Alarm Levels
- Quick View" Thickness Bar
- RS-232 I/O
- B & T Scan Display - Optional
- English / Metric
- Backlight





900 Series

Ultrasonic Thickness Gage

ALL NEW !!

Modify, Rename, Store & Recall
Up To 30 User Setups - TG930 / 950
Fastest Digital Response In The Business!!!
Handheld and Benchtop Versions Available

The Nova TG900 Series defines the standard for performance in PRECISION Ultrasonic Thickness Gages. The TG900 is housed in a custom, all aluminum enclosure with gasketed ends. The case is designed for maximum comfort while offering the user superior grip along the sides and back surfaces.

The display is a full 128 x 64 pixels (1.96" x 1.25") and incorporates simple language text for all menus. Along with the 1/2" high primary numeric readout area an analog style 'SCAN' bar is located at the bottom of the screen and represents a visual indication of the current thickness. This is particularly useful while in the high speed scan mode. The eye can perceive these linear movements much easier than rolling digits therefore general thickness trend information is easier to interpret. Additionally, a graphic display permits logged data to be displayed in a grid fashion, much like a spreadsheet. The user can review the log by scrolling through the rows and columns much like a spreadsheet. Any value above or below a preset value will cause that cell to flash in the spread sheet view.

Other features include single and dual point calibration capability, High & Low Alarms, High Speed Scan mode. Optional Scrolling and/or ENCODED 'B' Scan, Auto, IP - 1st and Echo - Echo measurement modes that eliminate couplant variabilities or facilitate through paint capability.

MODELS:	900	910	920	930	950
Handheld	X		X	X	
Benchtop		X			X
128X64 Graphic Display	X				X
Bright Red 7 Segment Readout		X			X
Basic	X	X			
Auto Probe Recognition	X	X	X	X	X
Fully Adjustable Velocity	X	X	X	X	X
Min Thickness Capture			X	X	X
Alarm Limits			X	X	X
Differential			X	X	X
Data Logging			X	X	X
B-Scan				X	X
Modify, Save & Recall 30 Setups				X	X
RS232	X	X	X	X	X
Allkline 'AA' Batteries Std.	X		X		
Rechargeable 'AA' Batteries Std.				X	
Rechargeable 'C' Cells Std.		X			X
AVAILABLE OPTIONS:					
Encoded B-Scan Option			X	X	X
RF, Gate & Sync Outputs					X
Data Transfer Software (Windows)			X	X	X



Benchtop Models with Bright LED displays also available. They offer the same precision and performance as well as providing RF, Gate & Sync out connectors on the back panel.

Specifications

Display:
128 x 64 Graphic (1.96" x 1.25")
Backlight - On / Off / Auto with reading
Last reading hold

Physical:
3" Wide X 1.25 Deep X 4.9" Long
All Aluminum with gasketed end caps

Power:
2 AA Batteries

Range / Resolution:
0.0050" - 20.000" (0.127 to 508mm) Range
0.0001" .0050" to 9.9999"
.001mm, 0.127 to 99.999mm
0.001" 10.000 - 20.000
0.01, 100 to 508mm
Inch/mm selectable

Velocity Range:
0.0490 to .9999 in/us
fully adjustable.

Calibration:
Auto Zero and Dual point Calibration

Pulsar / Receiver:
300 to 1000 pulses per sec in high speed,

Auto or user selectable gain.

Probe / Sense:
Contact / Delay Element
Auto Probe Recognition or library selectable from menu. Permits legacy probe use from instruments such as Nova 800 Series

Coupling Indicator

Differential Reading mode (Difference + or - to set thickness) (Optional)

Alarm LED

RS-232 I/O - Option 910 up
Download data from logger or upload optional components... in the field!

50,000 point data logger. 30 character alpha numeric identification of files.

Auto Gate, IP - 1st Echo, Echo - Echo
Through Paint capability

'T' Scan - Time encoded 'B' Scan
'B' Scan - ENCODED B-Scan mode (Optional)

Transducers, cables and accessories are available for almost any application

Plastic carry case included

CE Approved
Manufactured in facilities meeting ISO9001 manufacturing processes

Optional Transducers...
More Available, Contact Us

AEX Series

C11E

C11

C11TM

D11R

C13TC

D11

C13

C16/C17

C14

Authorized Representative

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Worldwide Excellence In Ultrasonics

Specifications subject to change without notice. (E & O.E.)