## Measures Wall Thickness and Displays Cylinder Bore Cross Section

Save Time, Save Money **Identify Costly** Problems NOW!





Thickness Gage can match in a hand held digital Ultrasonic Thickness Gage. Highlighted Features include:

User Friendly, Plain Text Menus Amazing LIVE Cross Section Scan Mode Cylinder Bore Inspection Report Mode Engine Report View & Print Mode 2 Point Calibration For Optimum Accuracy 50,000 Point Data Logger 128 X 64 Graphic Display EASY Grip All Aluminum sealed Case Auto Probe Recognition Fully adjustable Calibration Scrollable "SpreadSheet" Report View

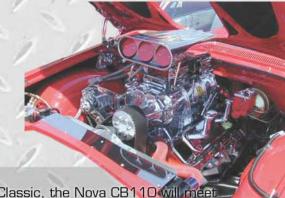
High Speed Scan Mode

Backlight

Single Point Calibration 2 Point Calibration Fo High & Low Alarm Levels "Quick View" thickness bar **Encoded Cross Section** Option Available Through Paint Capable RS-232 I/O







## FEATURING SCSV

Whether you are building a hard core racing machine or restoring a timeless Classic, the Nova CB110 will meet virtually all of your automotive inspection requirements. No other hand held instrument with this ease of operation can offer the kind of information available from the CB110. By pressing one single key you are presented with the unique ability to display a LIVE, Scrolling Cross Section View or plot of the inspection zone, trouble areas will simply jump out. Just slide the sensor up or down an area of interest, such as a cylinder bore and you will be presented with a Cross Section View of that scan line. The results are very revealing!

Along with the Scrolling Cross Section View, the CB110 can store individual thickness readings in a ready made log file for each cylinder for download or report printing at a later time. Log files are stored using up to 32 characters therefore allowing the identification of the block or customer as an example... No other gage offers this professional approach to engine inspection and reporting. These reports can be printed directly from the CB110 itself to an available portable printer or saved to a PC via the Data Transfer Kit

The CB110 is available with a broad array of sensors for those complex inspection requirements such as seen when inspecting various ports of a Cylinder Head. Additionally, we can design a sensor for virtually any geometry as required.

Although the CB110 offers the most extensive set of features available in a hand held thickness gage, we recognize you may just want to simply measure thickness. Nothing could be easier. Simply "zero" the sensor and calibrate the unit by pressing the thickness up or down arrows... NO MENUS involved!! This is an instrument you can truly grow with as needed.

Does the Thickness Gage you may be considering offer you ALL of these features?



"EASY Grip" All Al Case Design

**Specifications** 

Display: 128 x 64 Graphic (1.96" x 1.25") Backlight - On / Off / Auto with reading Last reading hold Analog style Scan Bar (scale adjustable)

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

2AA Batteries - up to 200 hours

Range / Resolution: 0.022" - 50.000" (0.55mm - 1,270mm) resolution - 0.001" (0.025mm) Inch/mm selectable

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

Calibration: Auto Zero / Single and Dual point Calibration

Pulser / Receiver: Up to 200 pulses per sec in high speed, Scrolling and ENCODED Scan View 10X The Better than Competitive Units!

2.0 4.0 5.0 B.O

0.134

IDE: Front

SCAN: View

Top 0.134

Cen 0.130

Bo t 0.121

Review information in an Industry specific "Engine Log mode. Log various positions within bore. Store Thickness & Section Scans for EACH Cylinder... Simple & Intuative

Actual Scan results

optional "Hammer"

Sensor using the

standard Scrolling

Section Scan View

obtained using

Scale set 0" - 8" Note Scan Bar (bottom line) in this view. This able to virtually any

Scale is user adjuststart & stop point... i.e. 0.000" - 0.250"

Authorized Representative

Probe / Sense: **Dual Element** Auto Probe Recognition or library selectable from menu. Permits legacy probe use from instruments such as Nova 100D

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

Coupling Indicator

Alarm LED - Hi & Low Alarm active in Scan Mode

Download data from logger or upload optional components... in the field!

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

Through Paint capability (optional)

Time encoded Cross Section Scan View ENCODED - Sensor Cart Reg (optional)

Sensors, cables and accessories are available for almost any application

Rugged Pelican carry case included

CE Approved Manufactured in facilities meeting ISO9001 manufacturing processes



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