

# CALin

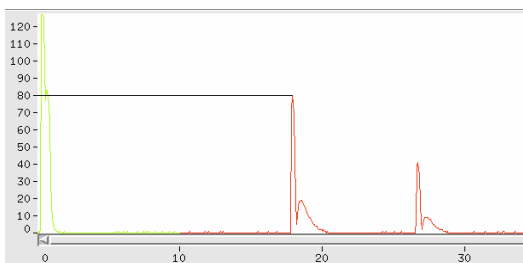
Linearity Calibration Tester for Ultrasonic Instruments

**\*\* Patent Pending \*\***

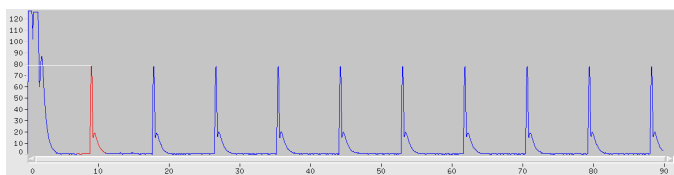
CE Nuclear Power NDE Products continues to pave the way with innovative technology to serve the Nondestructive Examination industry. Our latest product development is the **CALin** linearity calibration tester. It is a useful addition to anyone that owns an ultrasonic instrument, regardless of whether it is an analog scope or a full blown digital imaging system.

## Benefits

- Allows you to periodically verify the linearity of your UT instrument to satisfy code requirements (such as ASME Section V and Section XI).
- Provides a **better test** of instrument linearity than conventional practices. **Greater repeatability** is gained by eliminating the human variation factor which otherwise exists between a calibration block and a manually applied transducer.
- **Is compatible with a range of UT instruments, regardless of original manufacturer.**
- Enables its user the luxury of performing a quick sanity check of instrument operability before beginning any UT inspection.
- Can be used to assist in troubleshooting a UT instrument or system problem.
- Provides traceability to NIST via its factory calibration.



UT instrument **CALin** test for vertical (amplitude) linearity.



Horizontal (time base) test using **CALin** to emulate a 1 inch steel block on a UT instrument.



NDE Products' **CALin** tester is here to help you more efficiently and reliably address NDE challenges. It is small, lightweight, and simple to use. It allows a UT instrument linearity test to be rapidly completed, so that you can confidently move on to perform UT inspections.

## Technical Specifications

- Two modes of operation: Vertical (amplitude) test, and Horizontal (time base) test.
- Battery operated (9V).
- Three position toggle switch for Vertical mode, Horizontal mode, and power (off) control.
- LED for power and battery conditions.
- Three position toggle switch for High, Medium, and Low amplitude control.
- UT instrument interface: BNC connector
- Operating temperature range: 5 to 45°C
- Dimensions: 45 x 72 x 120 mm (~2 x 3 x 5 in)
- Weight: 0.5 pound (including battery)
- Operation guideline included, no training required.

Last but not least...  
purchasing a **CALin** linearity tester  
is surprisingly affordable.

*Want to know more? Please contact NDE Products directly, or call your local Sales Representative for AMDATA IntraSpect<sup>®</sup> technology for additional technical details, pricing, and/or delivery information.*



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