

## Ultrasonic Thickness Gauges

A full series of UT thickness gauges is available with equipment from world leading manufacturers. The line of products covers a wide range of applications from simple one-button thickness gauges to high-end palm precision gauges with data logging, and B-Scan like capabilities.

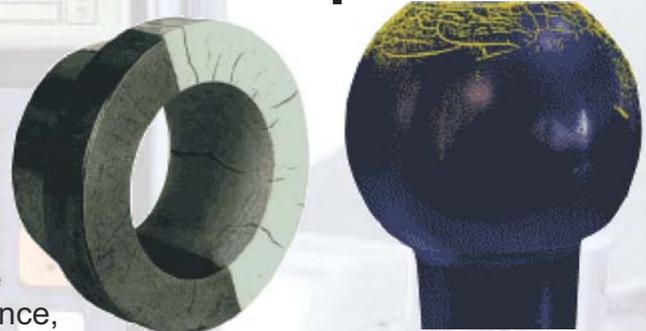


## Ultrasonic Flaw Detectors

Robust, precision and easy to use Flaw Detectors complete the on-site requirements of the industry. They range from feature-packed hand held equipment to modular portable UT cases with upgrade capabilities. Their built and interface ensure performance and durability at affordable prices.

## Dye Penetrants & Magnetic Particles Inspection

Full range of fluorescent and colour penetrant inks, cleaners, developers, dry powders, white contrast paints, equipment, accessories and calibration blocks for the inspection using dye penetrants or magnetic particles.



## UT Phased Array & TOFD

Phased array technology generates an ultrasonic beam with the capability of setting beam parameters such as angle, focal distance, and focal point size through software. This beam can be multiplexed over a large array. Quickly vary the angle of the beam to scan a part without moving the probe itself. Technology for maximum detection. Time-of-Flight Diffraction Testing (TOFD) is a technique that uses two probes in pitch-and-catch mode. TOFD detects and records signals diffracted from defect tips for both detection and sizing.



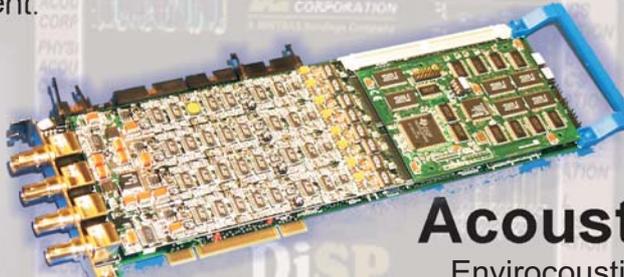
## Eddy Currents

Eddy current equipment that covers the full range of eddy current applications such as: Bond Testers, Analog Equipment, Digital Equipment and Software



## Acoustic Emission Equipment

A full series of equipment for Acoustic Emission applications comprises highest quality sensors with low noise electronics, pre-amplifiers, amplifiers and other ancillary equipment.



## Acoustic Emission Systems

Envirocoustics provides a high-end, state-of-the-art line of Acoustic Emission equipment. Speed and overall performance are uncompromised in these desktop or industrial chassis workstations.

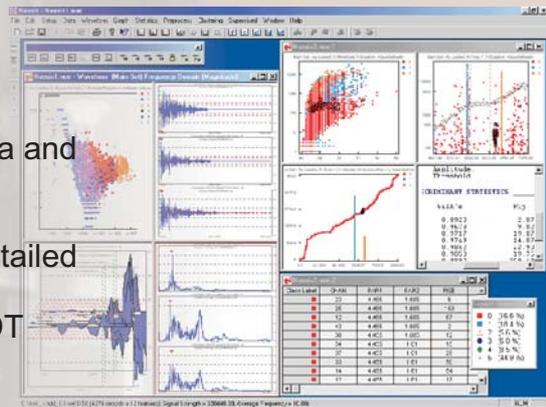
They cover all applications, from industrial AE inspections to research laboratory use. Accompanied with advanced software for AE data analysis they make the ultimate AE systems.



## Software

Envirocoustics has developed an advanced software package for the analysis of Acoustic Emission (Noesis), Ultrasonic (UTIA) or other data and for Loose Parts Monitoring System (LPMS). Envirocoustic's software packages feature Pattern Recognition techniques and an advanced graphical environment with numerous functions and options for the detailed analysis and investigation of data.

Envirocoustics provides also software for the data management of NDT inspections in industrial plants (PCMS).



## Portable Acoustic Emission

Simple, hand-held equipment based on Acoustic Emission technology are available for industrial applications such as valve leakage monitoring. These are easy-to-use equipment designed for the industrial environment.



## Automated UT

High-End automated UT systems for industrial or laboratory applications provide the flexibility, power and automation required for automated C-Scans. State-of-the-art, powerful AD and PR boards are the heart of such systems and can deliver highest quality and resolution UT scanning. Latest robotics-control technology implemented in the probe movement and positioning controller boards and motors.

