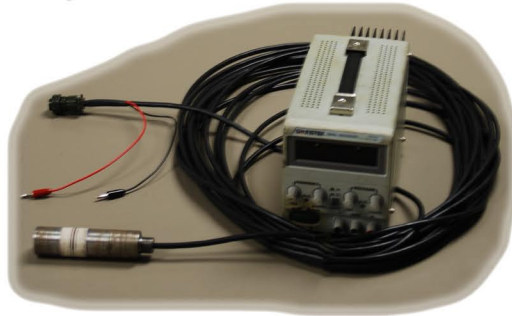


Mag Wave Eddy Current Technique

Mag Wave Eddy Current technique is one of the non destruction inspection techniques for heat exchanger and boiler tubes of ferromagnetic material. It is particularly effective on finned tubes.

The Mag Wave Eddy Current technique is a combination of applied Direct Current (DC) field lines and Eddy Current field lines. Both coil systems are combined in a single probe.

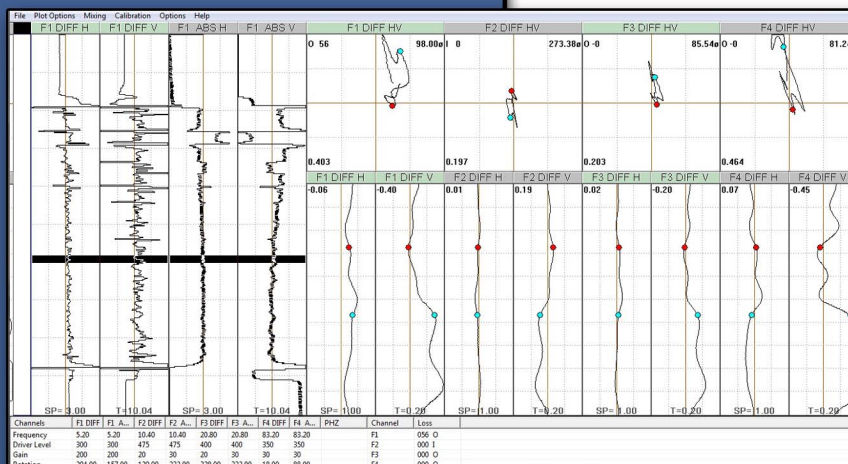
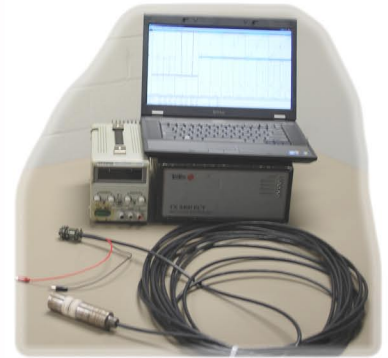


- 1KHz to 500KHz frequency range
- Computer automated analysis available
- Wide variety of MWET probe sizes
- Probes work with the PD-6k Probe Driver
- Uses TesTex 4400 ECT Unit plus an external amplifier/power supply

...Mag Wave Eddy Current technique is described as a very sensitive technique in detecting localized defects...

This technique is a fast technique and relatively high frequencies can be used. The possibility to analyze signal phase and signal amplitude makes it capable to differentiate defects from other occurrences.

The signal amplitude is also able to detect and analyze the defect volume.



Ph: 412.798.8990
www.testex-ndt.com

