



Multi Function Phased Array & Ultrasonic Inspection Systems



TD Handy-Scan

Leading the field in multi function ultrasonic & Phased array inspection



The **TD Handy-Scan®** is AGR Technology Design's new hand-held multifunction advanced ultrasonic instrument. The Handy-Scan was born out of the demand for an inexpensive **Phased array/ Pulse echo/ToF** instrument that satisfies the growing use of multifunctional UT systems for routine detection and analysis. Field technicians are often expected to perform inspections using several UT modes and it is now common for inspections to include, for example, both Phased array and ToFD to complement each other. Switching between UT modes is achieved simply by selecting the appropriate mode in the software. The improved **Windows® XP®** based software is common to all AGR Technology Design's instruments with the result that existing users will be quite at home in the Handy-Scan environment and new users will find it's operation easy to master. The ease of use of the software coupled with **micro-miniature electronics**, convenient **replaceable battery** and **ultra-compact, lightweight** construction brings a new dimension of **portable functionality** to field technicians without relinquishing any data quality. The TD Handy-Scan can be used to perform a wide range of code compliant Inspections as well as bespoke procedures for special applications.

TD Handy-Scan: **Compact, Lightweight & Portable**

Want to know more? **Contact** sales@technologydesign.com

TIP OF THE MONTH

There may be times when a corrosion mapping C-scan is required when an encoded scanner or video tracking system is not available or the test item geometry precludes the use of scanners. An effective C-scan may be achieved by manually capturing the data at discreet gauge points plotted on the test surface.

Draw a grid onto the test surface corresponding to the desired collection step interval. Switch Super View® off. Setup and calibrate a 0° probe. Select the Manual Input tab from the Scanner Setup menu. Enter the appropriate start and end positions as well as the desired collection step for both X and Y axis. Start the scan. When the scan window opens, the Manual Position Entry control window appears. Clicking the arrows allows you to tab through the grid reference points defined previously. Place the probe on the grid position corresponding to the co-ordinates shown in the Primary & Secondary Axis text boxes and click OK to execute data capture for that grid position. In this way you can manually cover the area of interest as desired.

