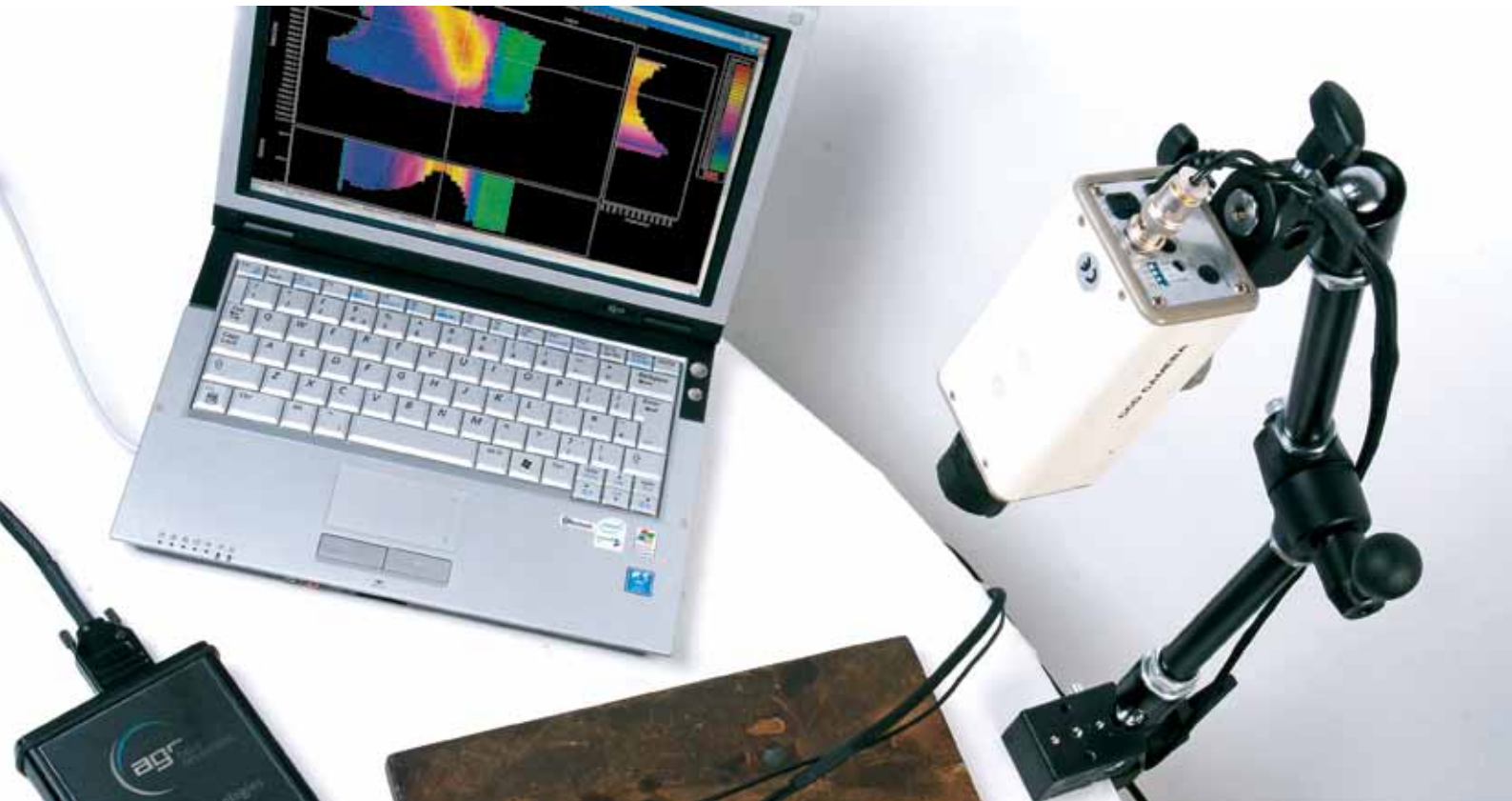


CORROSION MAPPING HIGHLY ACCURATE & SENSITIVE



Technique

Corrosion mapping with a zero degree probe and positional information is a very powerful tool, creating C-scan images of the area being tested. These scans can be recorded and analysed, immediately or at a future date. Subsequent scan data can be compared, to establish corrosion rates and contribute to fitness for service, scheduled maintenance and Risk Based Inspection (RBI) programmes. Positional information can be provided by fully or semi automated scanners as well as video tracking.

Applications

- Turbine Disks & Blades
- Aircraft Components
- Complex Geometries
- Hydrogen Damage Surveys
- Corrosion Surveys
- Pressure Vessels
- Welds
- Pipeline Welds
- Structural Welds
- Forgings & Castings

Advantages of Corrosion Mapping with Position

- Highly Accurate & Sensitive
- Increased Evidence
- Fast
- Comprehensive Coverage
- Meaningful Presentation
- Fast Reporting / Decision Making
- Permanent Record of All parameters
- Offline Interpretation and Measurement
- Objective Assessment
- Excellent Repeatability

CORROSION MAPPING HIGHLY ACCURATE & SENSITIVE

Performance & Cost

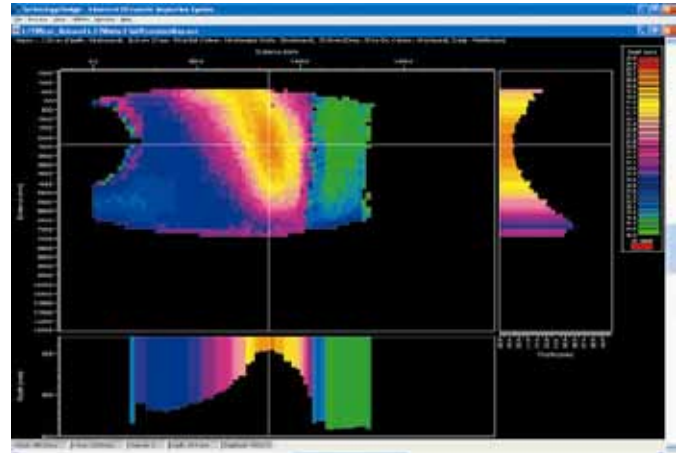
- Most straightforward of all NDT techniques
- Fast, safe & cost effective
- Increased defect detection ability (POD)= safer, added value to plant
- Reduced 'False Calls' (FCR) = fewer repairs and less production downtime

As an Inspection Tool it is:

- Fast
- Proven
- Accurate
- Cost Effective

It provides:

- High POD & Low FCR
- Accuracy
- Real-time Analysis
- Transparent Recording of Results
- Permanent Record
- Repeatability



Qualified and Competent Staff

The AGR Group is proud of its reputation for providing the most capable and best qualified people in the industry. Integrity and Inspection requires the best of the best—all of our inspectors have extensive training in the techniques used and, just as importantly, have wide experience of applying those skills to a broad range of inspection challenges.

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