



Your Partner For Success

WELD-SCOPE : AC MAGNETIC FIELD UNIT FOR SURFACE CRACK INSPECTION.

Advantages:

- The inspection technique of alternative electromagnetic field can resolve the problem of detecting the surface cracks under thick anti-corrosion layers of coating by a convenient and quick test.
- WELD-SCOPE can detect both cracks on the surfaces of matrix materials and weld lines.
- Test results approve that WELD-SCOPE can measure the depth of cracks quantitatively even on the welded surfaces without necessary grinding out rough areas.
- Comparison with regular NDT methods like Magnetic particle, Liquid Penetrant, Radiographic and ect. WELD-SCOPE performs with better Sensitivity.
- It becomes an economic and effective detection method for customers to perform 100% in-service structure inspection.

The sensitivity of crack detection and depth evaluation is restricted by background noise signals in weld Lines, but there is small S/N ratio on matrix materials, making it possible to gain the lift-off adjustment to effectively detect and evaluate the surface cracks on matrix materials.

Please call/email for a Quote ►►

Features:

- Tough construction
- Small, Light, comfortable
- Optical encoder and touch screen settings.
- Detects surface breaking fatigue cracks through 2mm coatings.
- Stored setups speed up inspection cycles.
- Intuitive operation creates confidence with minimal training.
- Large, bright, height resolution screen with LCD back light.
- Li-ion Batteries run for 10 hours on a single charge.
- Audible & Visible, box gate, sector and +/- level alarm.
- Pencil and sliding probes.



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