

TCM Product Family

The Ultimate Mobile Platform Streamlining Your NDT Testing Needs



DETECT FLAWS, VERIFY MATERIALS, AND SCAN SURFACES

The TCM 2.142 is a unified mobile eddy current testing platform that streamlines inspections, improves reliability, and delivers complete confidence in every part.

- ✓ All-in-On Testing
- ✓ Efficient Workflows
- ✓ Field Ready Reliability

3 PRODUCTS

1 MULTI-PURPOSE SYSTEM



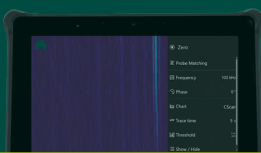
DEFECTOMETER

High-frequency testing for surface cracks, detecting even the smallest flaws.



SIGMA TEST

Precise conductivity checks to confirm alloys and identify heat damage.



EDDY CURRENT ARRAY

Scan large or complex surfaces with up to 512 channels for full coverage.

- Docking Station:** Full workstation functionality
- Extended Battery:** Quick-charge, longer runtime
- Rugged Design:** IP66, drop-tested, field-ready
- Rotating Probes:** Reach boreholes & complex areas
- Impedance Plane:** Advanced Signal Analysis
- Reference Standards:** Repeatable, accurate results

FEATURES THAT EXPAND YOUR TESTING POWER

	OTHERS	TCM 2.142
	Single-Test Platform	Multi-Test Platform
CRACK DETECTION	✓ (separate device)	✓ High/low frequency + rotating probes
CONDUCTIVITY VERIFICATION	✓ (separate device)	✓ Accurate, traceable measurements
WALL THICKNESS CHECKS	✗ Often unavailable	✓ Reliable LF testing
LARGE-AREA INSPECTIONS	✗ Manual, slow coverage	✓ Eddy Current Array (512 channels)
HARD-TO-REACH AREAS	✗ Limited capabilities	✓ Rotating probes & custom sensors



Streamline Your Inspections

Download the product information to see how the TCM 2.142 unifies multiple eddy current tests into one platform, reduces downtime, and ensures confidence in every inspection.

