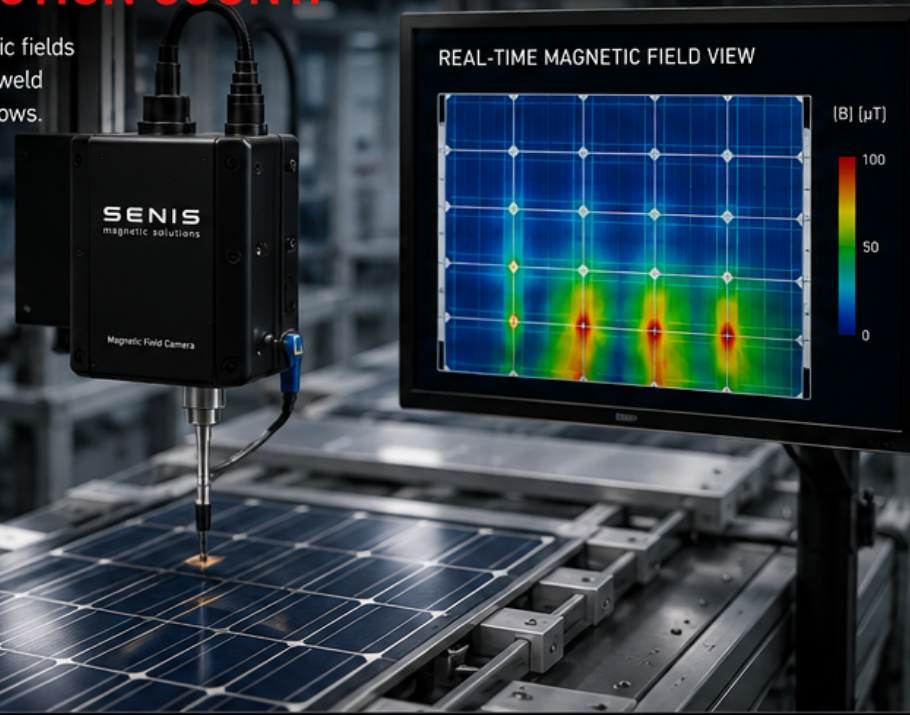


SEE WHAT MATTERS. MAKE EVERY CONNECTION COUNT.

SENIS Magnetic Field Camera visualizes magnetic fields in real-time to detect weak or faulty solder and weld connections during production – while current flows.

-  **REAL-TIME VISUALIZATION**
See magnetic fields generated by current flow instantly.
-  **DETECT DEFECTS EARLY**
Identify weak, cold or missing solder and welds immediately.
-  **ENSURE QUALITY & RELIABILITY**
Guarantee strong connections for long-term performance and safety.
-  **INCREASE YIELD & REDUCE COSTS**
Minimize rework, scrap and warranty claims.

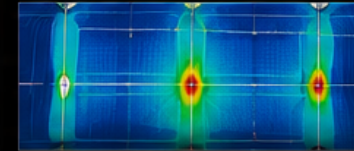


SOLDER QUALITY MONITORING – SOLAR PANEL PRODUCTION

Inspect soldered connections between solar cells and bus ribbons.

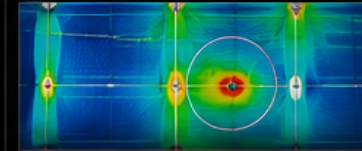


GOOD SOLDER CONNECTION



Strong and uniform magnetic field indicates a good electrical connection.

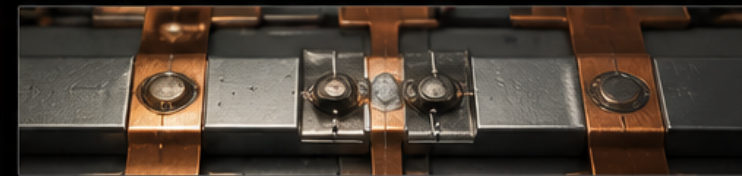
BAD / INSUFFICIENT SOLDER



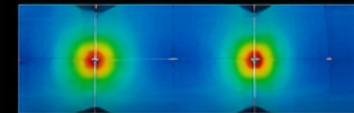
Weak or missing magnetic field reveals poor or insufficient solder.

WELDING PROCESS MONITORING – EV BUS BAR CONNECTIONS

Monitor resistance welds on bus bars, tabs and connectors in EV batteries.

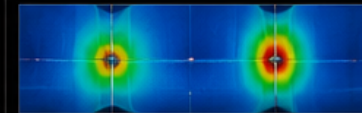


GOOD WELD CONNECTION



Strong magnetic field confirms a solid, low-resistance weld.

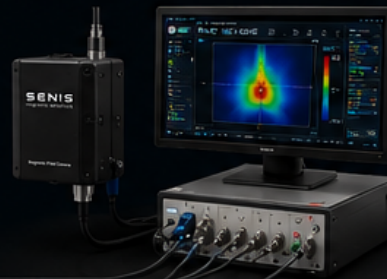
BAD / INSUFFICIENT WELD



Weak or irregular magnetic field indicates poor or inconsistent weld.

SENIS MAGNETIC FIELD CAMERA – FOR IN-LINE PRODUCTION MONITORING

-  **HIGH SPATIAL RESOLUTION**
See even the smallest defects clearly.
-  **REAL-TIME FEEDBACK**
Instant results for immediate process adjustment.
-  **EASY INTEGRATION**
Compact, robust and easy to integrate in production lines.
-  **OPERATES WHILE POWERED**
No need to stop the line. Works with live current.



HOW IT WORKS IN PRODUCTION



KEY BENEFITS

-  **IMPROVE PRODUCT QUALITY**
-  **REDUCE RETURN & WARRANTY COSTS**
-  **INCREASE PRODUCTION YIELD**
-  **ENSURE SAFETY & RELIABILITY**
-  **SUPPORT INDUSTRY 4.0 & TRACEABILITY**

SENIS
magnetic solutions



SEE THE MAGNETIC DIFFERENCE.
Ensure perfect connections. Every time. In real-time.



DESIGNED & MADE
IN SWITZERLAND



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