

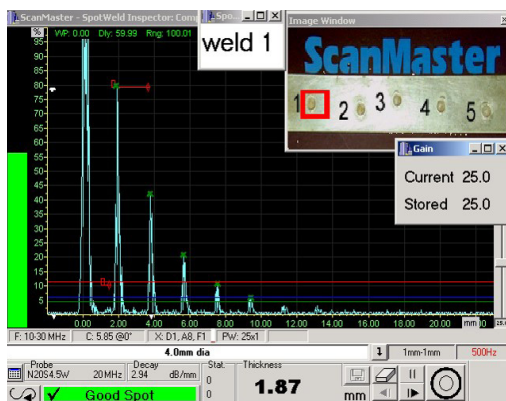
UT/Mate SpotWeld Inspector

Developed in close cooperation with the automotive industry, UT/Mate SpotWeld Inspector uses ultrasonic nondestructive technology to replace the traditional methods, destructive by their nature, commonly used for assessing the quality of spot welds. The UT/Mate significantly reduces inspection time, provides material and manpower savings, offers fast feedback to the welding process and delivers a quick return on investment.

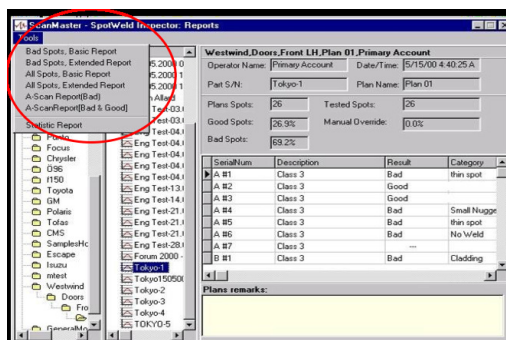


UT/Mate SpotWeld Inspector features:

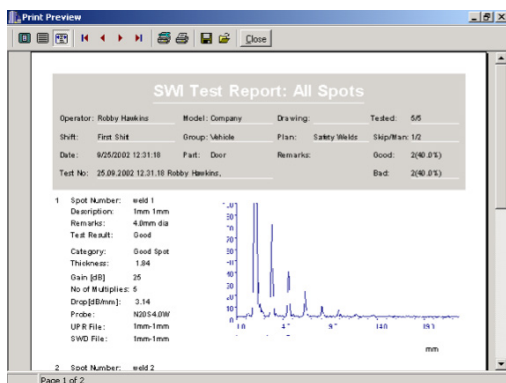
- Easy connection to existing PCs, laptops, industrial laptops or tablets
- Integration with standard environments such as Windows XP, Win 7, and Win 10 (32/64 bit)
- Automatic GO/NO-GO decision making
- Automatic classification of SpotWeld quality
- Real time probe normality and positioning feedback to operators
- Tight control of ultrasonic probe beam size
- Multi-gate capture
- Identification of intermediate peaks
- Support of 2, 3 and 4 plate combinations
- Automatic velocity calculator
- Strong backup-restore function including automatic scheduler
- Merge feature for adding local changes in the inspection plan
- Network connectivity for data sharing and optional 3rd party data management tools
- Virtually unlimited number of inspection set-ups and A-scan storage capacity to cover the entire set of parts to be inspected
- Wide selection of ScanMaster probe diameters
- Automatic generation of inspection reports, with option for customization



Spot Signature and Classification Result



Report Main Screen



A-scan Report

Benefits

- Reduced inspection time
- Manpower savings
- Prevention of inventory loss caused by destructive (chisel and hammer and tear-down) testing
- Prevention of potential manpower injuries related to the methods above
- Near real time feedback to the production process
- Highly reliable and smooth 24/7 operation



The SpotWeld Inspector Kit

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