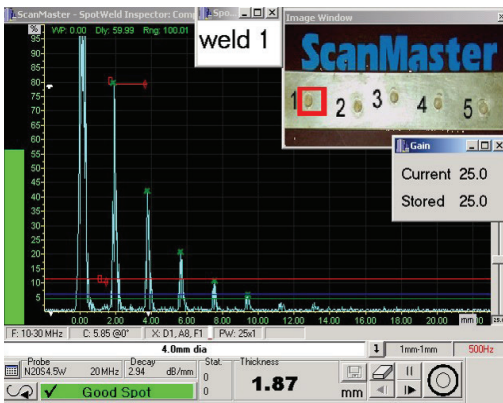# ScanMaster
Ultrasonic Inspection Solutions

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.

Spot Signature and Classification Result
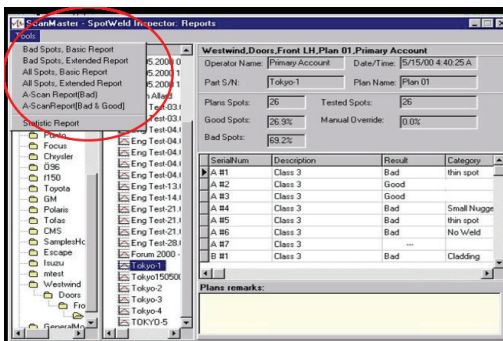

Report Main Screen

A-scan Report

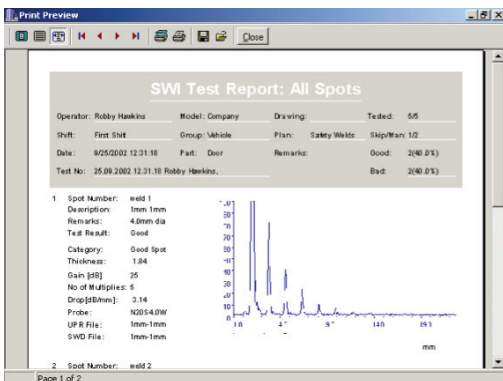## UT/Mate SpotWeld Inspector features:

- 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

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