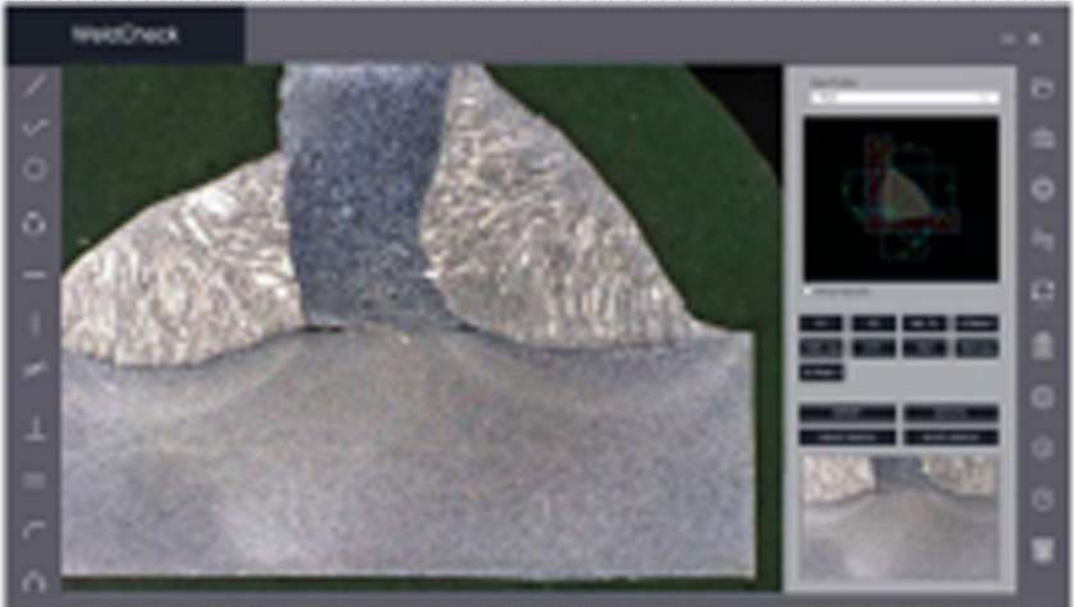


Weld Penetration Software



Introduction of Weld Check

Weld check is a new generation image analysis software, meant for welding inspectors, metallurgist and material scientist for analyzing weld dimensions. It is a single Window based system. Some components involve large numbers of welding joints. Weld check tool is used to record all the necessary testing procedures in measurement profiles represented in different colors. The Weld check software can handle both grey monochrome(8bit) and color (24bit) image. Multiple color (24bit) image. Multiple images of any size can be opened and displayed on the screen images of any size can be opened and displayed on the screen for analysis or comparison. The software supports the most common formats like BMP, JPEG, TIFF, PNG, GIF, and PSD. Live images also can be observed and captured on the same platform. Since the system is in a Window environment, graphs and charts displayed on the monitor can be quickly transferred into other Windows based programs such as, MS Word, MS Excel or any other commercial Windows based software for the purpose producing reports and presentations.

Features

- To-The-Point measurement systems, offering is needed and expected by QC-FA welding professionals; ensuring different line quick and reliable measurement with 100% accuracy and reproducibility.
- Important measurement includes distance from the root of the fillet (throat), the distance from the root of the joint to junction between exposed surface of the weld (leg), the angle, root penetration and penetration percentage.
- For similar type of measurement other tools are available to calculate angles, circle or arc radius, area etc.
- Different line from throat leg, penetration, thickness and Angles acquire automatically different colors.
- The results are expressed in report generator module with original image, lines in different colors, result in tabulated form.
- The results can be expressed based on a specific standard using the "Report tool" module. This also allows to obtain a passed/failed automatic decision based on predefined acceptance criterion.

+++++



J-9/36

RAJOURIGARDEN

NEW DELHI 110027

www.jbmicroscope.com

info@jbinstruments.com

+91 9354741245

+++++