



Rotary Eddy Current System (RotoScan)



Rotary Eddy Current System



A Rotational Eddy Current Sensor (RotoScan) is used for the inspection of defects at the tube expansion zone.

This inspection method is suitable in the inspection of backside welded tubes and for the detection of cracks in welds. Both external and internal defects as well as cracks from 0.5mm (40%) depth can be detected. The performance of this inspection method is approx. 400 tube welds/shift.

A sketch of the RotoScan with the identification of a defect is shown in Diagram 1 while Diagram 2 shows a handheld Rotoscan for the inspection of tubes.

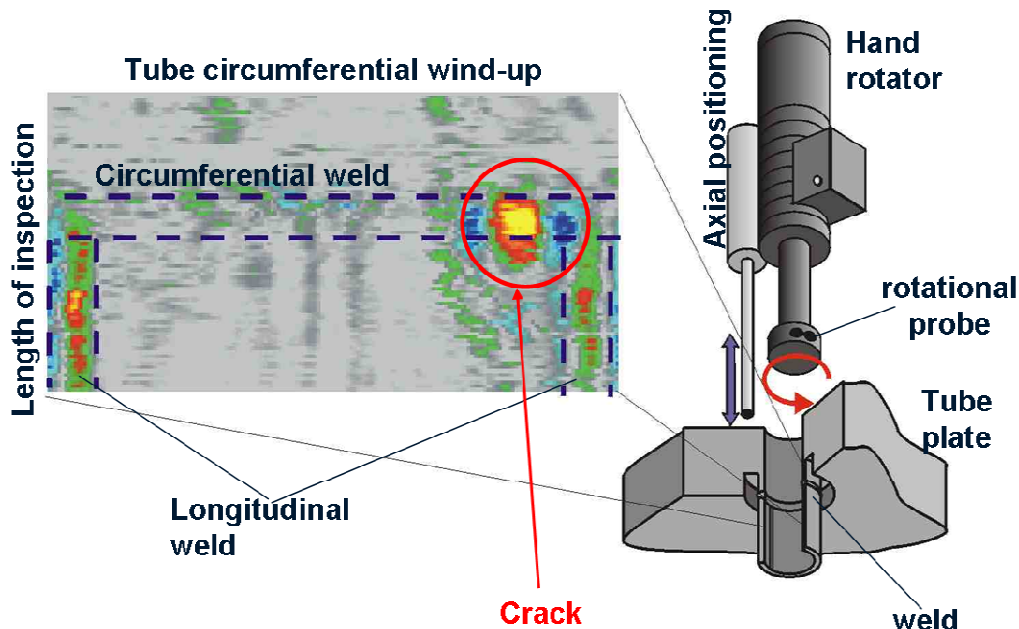


Diagram 1: Rotoscan with the identification of a defect



Diagram 2: Handheld Rotoscan for the inspection of tubes