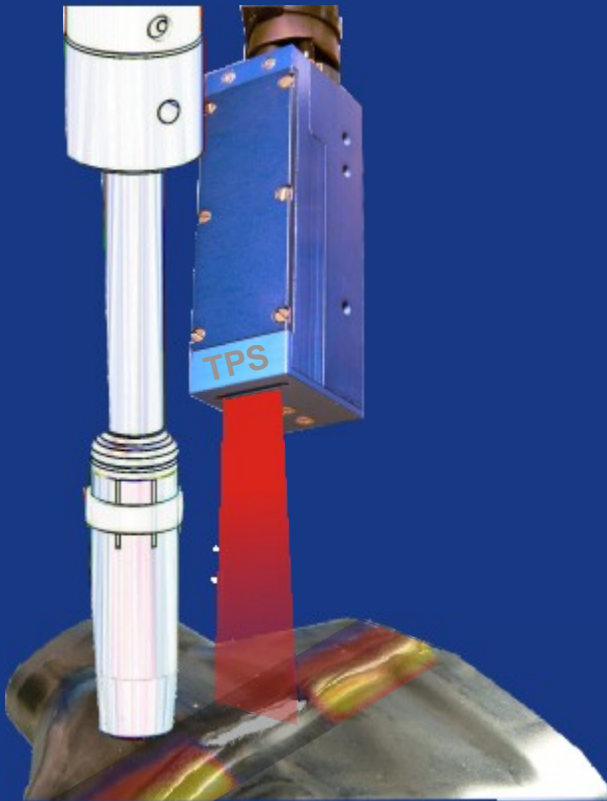


ThermoProfil Scanner

T.P.S

A look into the emerging seam



Measures the thermal field across the seam during cooling of the weld

The data is transferred digitally to the WeldQAS monitoring system for evaluation.

The WeldQAS evaluates the temperature profiles- height, breadth, form etc- in real time and signals irregularities compared to a "good seam"

Continuous operation right next to the welding torch

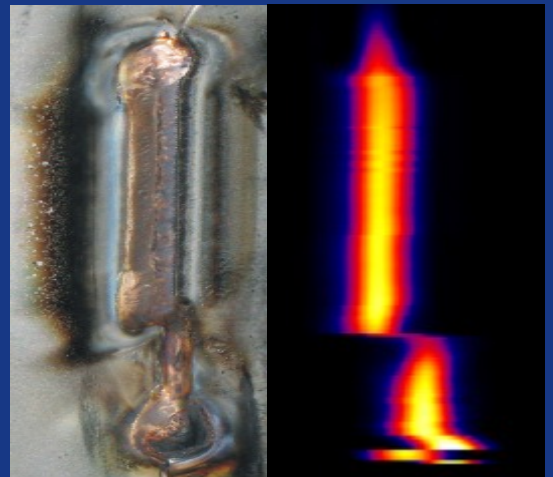
- glassless construction
- gas purging
- non-stick technology against spatter
- integrated water cooling

Available for all welding methods

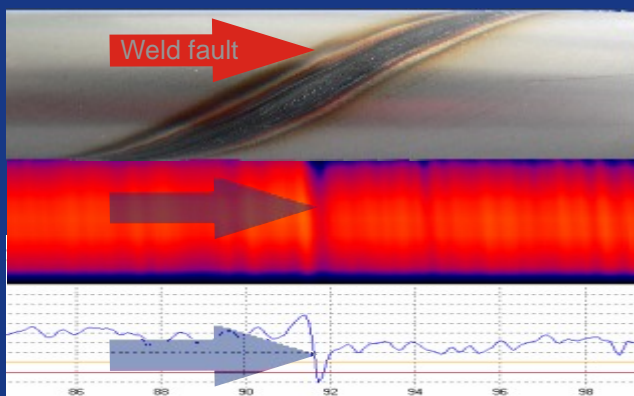
with access to the welded seam whilst cooling down and temperatures more than 700 ° Celsius

faulty weld

abnormal thermal profile



Application while MIG-soldering



2008-10-09

Application in pipe production

visual seam inspection for detection of **mis-alignment of welds**

TPS

&

Evaluation of the metallurgical thermal in the seam to recognise **pores and lack of side-fusion**

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