



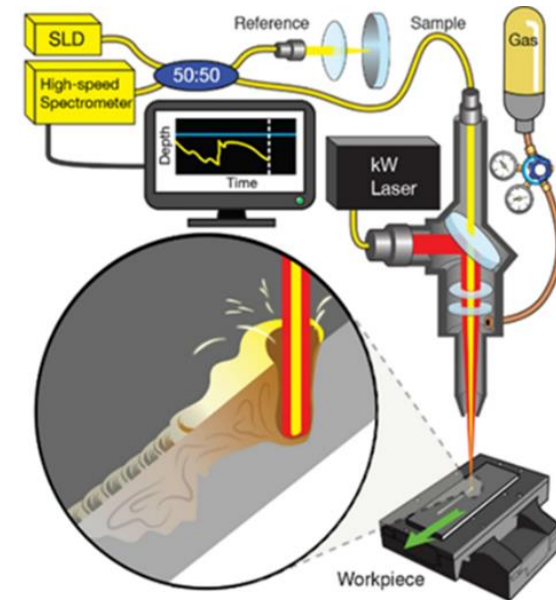
deepobserver

PRODUCE QUALITY. ALWAYS.



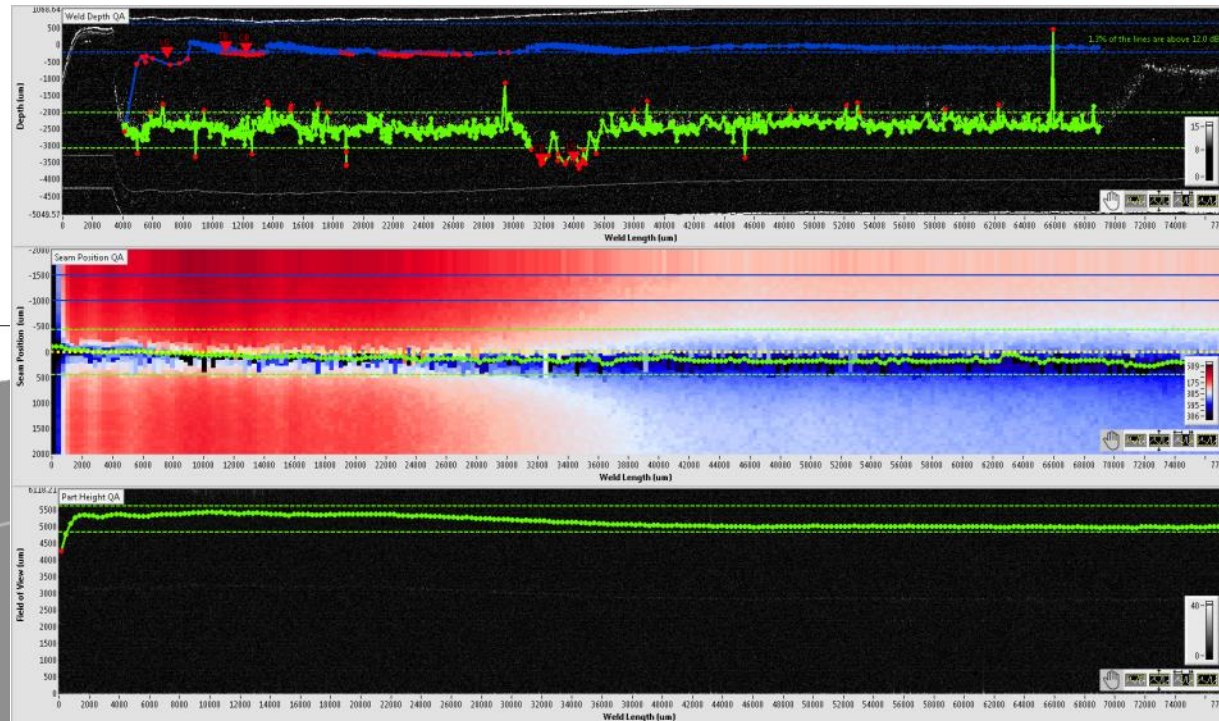
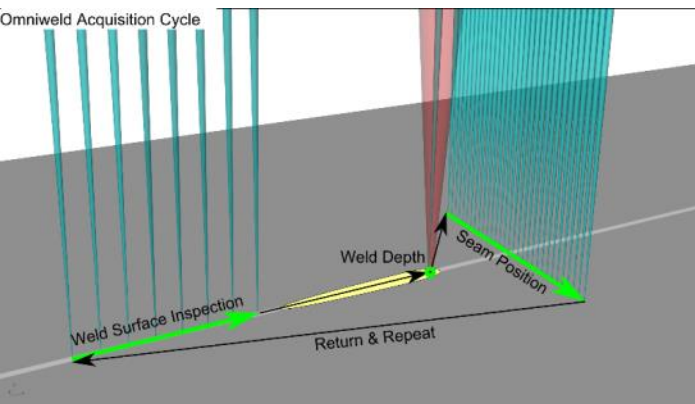
# PRINCIPLE OF deepobserver

- Based on low coherence interferometry
- Superposition of reference beam and sample beam
- Detection of spectrum
- Transform to depth profile of sample (surface for non transparent materials)



# WELD DEPTH MEASUREMENT

- Weld depth
- Weld surface
- Part surface
- Gap position

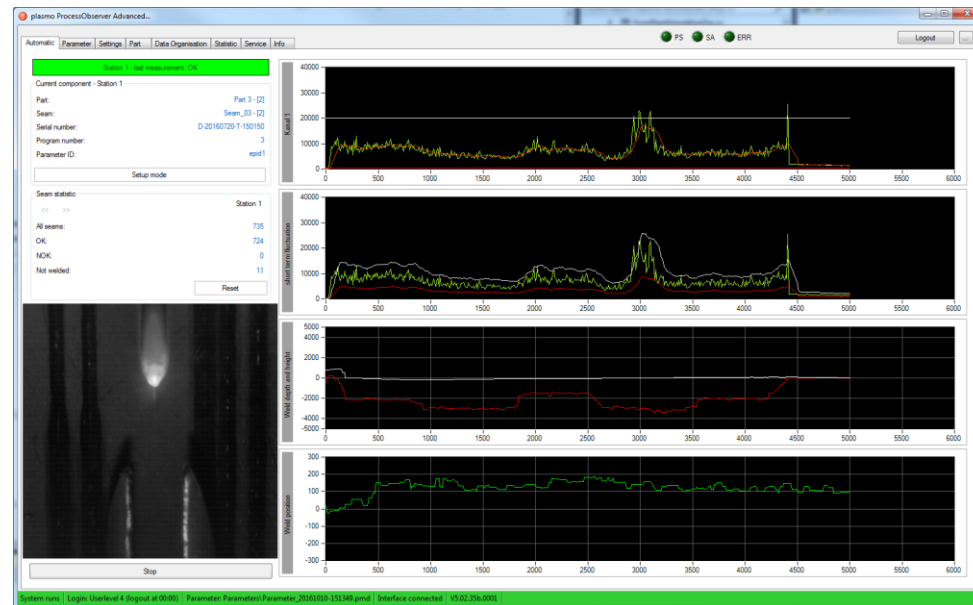


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# COMBINATION OF MULTIPLE SENSORS

- Combining multiple sensors for analysis of multiple types of part errors, e.g. weld depth, pores, ...
  - **processobserver**
  - **plasmoeye**
  - **deepobserver**



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