We eye your welding quality

100% Monitoring and documentation of the welding production

Optimisation of the process and avoidance of rejects

Procedure specific dynamic real time analysis

Applicable for all welding processes
Arc-, Stud-, Resistance-, Laser-, HFI-welding

Part identification – complete traceability

Unlimited use of additional measuring channels, e.g. for temperature measurement

Special solution for pipe mills

Ready for connection to the ESAB - WeldCloud

Monitoring of submerged welding plants

- Documentation
- Seam inspection
- Fault Detection

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System and functions of the WeldQAS

Cabinet version
for complex sites with more than two welding torches, e.g. multiple head SAW installations

Exceptional visualization- and analysis functions
- Dynamic online arc analysis
- Monitoring with automated intelligence that learns limit values
- Representation of the production quality as a note scale with statistical analysis of trends
- Tolerance bands for warnings and faults
- "not OK" - rejection faulty parts

Integrated network function
- Ethernet interface allows access to every device for the data query and for the change of the inputs
- Automatic data store with failure safeguarding and storage function on a central data server
- Monitoring of complex production lines without number restriction

Visualization of the production
- Demonstration of the seam on each part
- Extensive reporting functions
- Part identification

Advantages in Submerged Arc Welding
- Accurate calculation of weld parameters incl heat input and deposition rate
- Quantify productivity and provide suggestions on improvement (deposition rate, arc time, etc)
- Reduction of non-destructive testing (NDT)
- Compare multiple stations regarding productivity
- Less administration efforts for traceability
- Real time WPS adherence control
- Reduction of audit efforts
- Identification of power source errors
- Standard confirm calculation of AC parameter for current and voltage

Suitable for all SAW processes