FEATURES THAT SIMPLIFY WELDING TECHNOLOGY

weld assistant®

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Edition	STARTER	BASIC	PRO	SMART
Welding Procedure Specifications (WPS)				
WPS in accordance with ISO 15609 + ASME Section IX + AWS D1.1	(✔)	✔	✔	✔
Additional page(s)	(✔)	✔	✔	✔
Manage, filter and print the WPS list	(✔)	✔	✔	✔
Direct PDF link in WPS and welder list		✔	✔	✔
Welders and operators				
Certificate creation in accordance with ISO 9606 + ISO 14732 / ASME IX and AWS D1			✔	✔
Calculation (partial) of the range of qualification			✔	✔
Extension protocol / log			✔	✔
Multiple selection of welders / operators for extension			✔	✔
Management of welding and other personnel			✔	✔
Warning function - traffic-light control - filter			✔	✔
Qualification management with document folder			✔	✔
Procedure qualifications (WPQR / PQR)				
Create WPQR / PQR – bilingual according to ISO 15614 / ASME IX / AWS D1.1				✔
Workshop log				✔
WPQR management with document folder			✔	✔
Extensive filter functions			✔	✔
Cost accounting				
Calculate welding costs			✔	✔
Compare different cost calculations			✔	✔
General				
All data and bilingual		✔	✔	✔
Direct printing to PDF files – also bilingual	(✔)	✔	✔	✔
More than 1,000 weldable parent materials according to EN/ISO		✔	✔	✔
All ASME IX und alle AWS B2.1/B2.1M Base Metals		✔	✔	✔
Extensive database of EN/ISO and AWS welding consumables		✔	✔	✔
Tungsten electrode types according to ISO 6848 and AWS/SFA 5.12		✔	✔	✔
Shielding gases according to ISO 14175 and AWS / SFA 5.32:2021		✔	✔	✔
More than 3,000 prefabricated weld sketches		✔	✔	✔
Merkle WeldFactory imports WPS parameters	(✔)	✔	✔	✔
Plug-ins (welding consumables / gases / tungsten electrodes)		✔	✔	✔
Metric and imperial units		✔	✔	✔
Translation of selected terms – 19 languages		✔	✔	✔
Printout configuration		✔	✔	✔

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