

SMARTWELD RECORD

DOCUMENTING THERMIT® WELDING EFFICIENTLY FOR QUALITY CONTROL

SMARTWELD RECORD ensures proper management and adjustment of gas pressures during preheating. SMARTWELD RECORD allows for replication of correct procedures as well as tracking and tracing of installed THERMIT® welds and consumables used.

INNOVATION AT YOUR FINGERTIPS

The SMARTWELD RECORD supports welding personnel throughout the entire welding process by giving easy to follow step by step instructions in a user friendly way. This ensures both optimum use of welding materials and that welding is performed in accordance to proper procedures. The welding parameters are recorded and documented via the GOLDSCHMIDT DIGITAL APP. Weld report data can be exported for further digital documentation and evaluation.



**GOLDSCHMIDT
DIGITAL APP**



RAIL JOINING

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THERMIT GROUP

SMARTWELD RECORD OVERVIEW

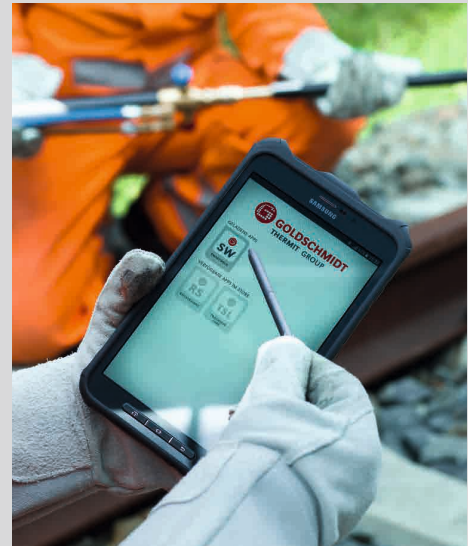
Feature	Function	Benefit
Electronic recording of the welding process via the app including the parameters for preheating, GPS positioning and welder identification	Records weld consumables, actual gas pressures, duration of preheating, and other metrics of the welding procedure	Efficient quality control and documentation of construction and maintenance measures
Step by step guidance throughout the weld procedure	Support for correct use of welding materials	Substantial reduction in welding errors
Durable design	NEMA 6 waterproof housing	Suitable for use on infrastructure sites
User-friendly design	Intuitive operation	Easy implementation
Bluetooth connectivity with app	Simple and immediate transmission of data	Complete documentation of THERMIT® welds

Technical data

- » Dimensions (L x W x H): 15.2" x 4.8" x 2.8" (38.7 cm x 12.2 cm x 7.0 cm)
- » Diameter: 1.57" (4.0 cm)
- » Weight: 3 lbs (1.36 kg) incl. batteries
- » Resolution: 0.14 psi, accuracy within 1.45 psi
- » Measuring range for oxygen: 0 – 145 psi
- » Measuring range for propane: 0 – 72 psi
- » Battery life: 8 hours constant operation possible, automatic switch-off when inactive
- » Bluetooth 4 (BT Low Energy)
- » Compatible with µ-USB chargers

Scope of delivery and accessories

- » Device including gas connections and charger cable
- » Free GOLDSCHMIDT DIGITAL APP
- » Batteries: 4 internal NiMH batteries (standard AAA cells)



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