



SMARTWELD RECORD

DOCUMENTING EFFICIENTLY FOR QUALITY ASSURANCE

SMARTWELD RECORD ensures intelligent monitoring and documentation of gas pressures during preheating as well as retraceability for THERMIT® welding.

INNOVATIVE AND RELIABLE

The SMARTWELD RECORD records and documents the preheating parameters for THERMIT® welding via the GOLDSCHMIDT DIGITAL APP. The welder is given the specific individual steps for the welding in a user-friendly way and without errors. This ensures both optimum use of welding materials and that welding is performed to standard. Process parameters can be saved centrally and evaluated using the GOLDSCHMIDT DIGITAL APP. This means the SMARTWELD RECORD is a digital innovation, contributing towards documenting the high quality of the welding.



**GOLDSCHMIDT
DIGITAL APP**



RAIL JOINING

RAIL SERVICES

MEASUREMENT

TOOLS & MACHINES

EQUIPMENT

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GOLDSCHMIDT
THERMIT GROUP

AN OVERVIEW OF SMARTWELD RECORD

Feature	Function	Benefit
Electronic recording of welding incl. parameters for preheating, GPS positioning and possible identification of the welder via the GOLDSCHMIDT DIGITAL APP	Recording of base materials, acquiring target and actual pressures, preheating duration and work steps of THERMIT® welding	Efficient quality control and documentation of construction and maintenance measures
Specification of parameters required for welding via GOLDSCHMIDT DIGITAL APP	Instruction throughout complete welding process, issue warning signals	Improved quality, decrease in welding errors
Robust design	Use independent of weather, impact resistant housing	Suitable for use on building sites (can also be operated using gloves)
User-friendly design	Intuitive operation	Simple, fast training, product is easy to introduce
Use via GOLDSCHMIDT DIGITAL APP with Bluetooth Low Energy interface	Visualisation of processes, simple and immediate transmission of data	Complete evaluation of THERMIT® welding, economical and environmentally friendly

Specifications

- » Dimensions (L x W x H): 387 x 122 x 70 mm, Ø 40 mm
- » Weight: 1,350 g (incl. batteries)
- » Resolution: 1 kPa, accuracy: 10 kPa
- » Measuring range: oxygen 0 ... 1000 kPa / fuel gas 0 ... 500 kPa
- » Battery life: 8 hours constant operation possible, automatic switch-off when inactive
- » Bluetooth 4 (BT Low Energy)
- » Compatible with micro 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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