



SMARTWELD RECORD

DOCUMENTING THERMIT® WELDING EFFICIENTLY FOR QUALITY CONTROL

SMARTWELD RECORD ensures intelligent 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

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 procedures. The welding parameters are recorded and documented via the Goldschmidt app. Weld report data can be exported for further digital documentation and evaluation.

RAIL JOINING

RAIL SERVICES

MEASUREMENT

TOOLS & MACHINES

EQUIPMENT

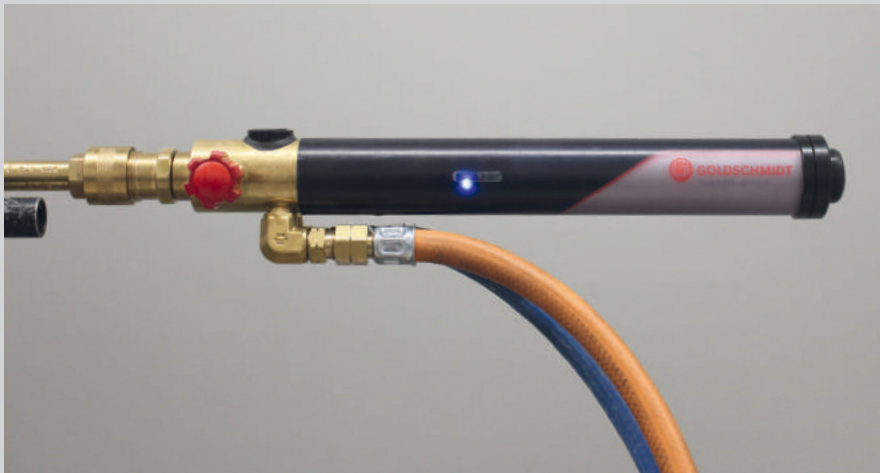
MEMBER OF  **GOLDSCHMIDT**
THERMIT GROUP

SMARTWELD RECORD OVERVIEW

Feature	Function	Benefit
Electronic recording of welding including parameters for preheating, GPS positioning, and welder identification via the app	Records weld consumables, actual gas pressures, duration of preheating, and other metrics of the procedure	Efficient quality control and documentation of construction and maintenance
Step by step guidance through the weld procedure	Support for accurate use of welding materials	Substantial reduction in welding errors
Durable design	NEMA 6 waterproof housing	Suitable for use on infrastructure sites
User-friendly	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): 15.23" x 4.80" x 2.75"
 Diameter: 1.57"
 Weight: 1350 g (incl. batteries)
 Resolution: 0.01 bar, accuracy: 0.1 bar
 Measuring range for oxygen: 0 ... 10 bar
 Measuring range for fuel gas: 0 ... 5 bar
 Battery life: 60 hours constant operation possible, automatic switch-off when inactive
 Bluetooth 4 (BT Low Energy)
 Compatible with μ -USB chargers
 CE-compliant



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