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.
# SMARTWELD RECORD OVERVIEW

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