



SMARTWELD SPARK

RELIABLE, PRECISE IGNITION OF THERMIT® PORTIONS

The innovative SMARTWELD SPARK ensures reliable and precise ignition of THERMIT® portions and is an alternative to igniters which are considered to be a hazardous material.

RELIABLE AND PRECISE

SMARTWELD SPARK significantly increases operational safety through the use of acoustic and visual signals to indicate a successful ignition without the need for hot burning igniters. This robust and long-lasting product increases competitiveness due to the use of cost-efficient consumables. A special, high performance rechargeable battery provides reliable ignition for at least 20 ignition operations which ensures its suitability for use in the field.



RAIL JOINING

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MEASUREMENT

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EQUIPMENT

SMARTWELD SPARK OVERVIEW

Feature	Function	Benefit
Acoustic alert: > 95 dB Warning light: yellow	Indicates ignition has been initiated	Increased operational safety
Initial ignition via electrodes	Complete elimination of igniters which are declared hazardous material	No tariff restrictions on imports, easy handling and storage
Special developed rechargeable battery	Reliable ignition for at least 20 ignition operations	Rechargeable battery with enough power to last for a complete shift
Shock-proof and impact resistant housing	Protection against damage	Practical application

Specifications

- » Suitable for all crucible models
- » Weight in total: 4 lbs (1.8 kg), without case
- » Dimensions: 13.4" x 8.7" x 3.0" (340 x 220 x 75 mm), incl. battery
- » Protection class: IP 44
- » Acoustic alert: > 95 dB
- » Ambient temperature range: -4 °F to 140 °F (20 °C to 60 °C)
- » Voltage required for ignition: 60 V (acc. to DIN 62135)
- » Battery level indicator
- » Integrated LED lights
- » Robust housing suitable for field operations

Scope of delivery

Supplied as a set within a sturdy case that includes: battery charger, one rechargeable battery, single use electrodes (10 pieces per pack).

Accessories

- Single use electrodes (10 pieces per pack)
- Replacement rechargeable battery
- Battery charger



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