

# INVERTER CORE 160S

Ref. 10217

 **SOLTER**


❓ The **CORE 160s** welder from Solter is a high-performance inverter unit that delivers 160 amps with a **35% duty cycle**, designed for demanding jobs that require reliability and power. Supplied with a **durable carrying case and essential welding accessories**, ready to use from day one. Its **compatibility with electric generators** provides outstanding versatility, allowing operation in environments with variable or limited power supply. Thanks to its direct current (DC) inverter technology, it **ensures a stable and precise arc**, ideal for MMA electrode welding. Compact, lightweight, and energy-efficient.

## Main features:

- ❓ **Power tailored for demanding tasks:** With **160 amps** and a **35% duty cycle**, the CORE 160s is engineered to deliver **reliable and consistent results**, even during extended operations. Its **ability to handle electrodes from 1.6 mm to 3.25 mm** makes it a versatile tool for strong, precise welds.
- ❓ **Lightweight and compact design:** Weighing just **3.5 kg** and measuring **250x120x195 mm**, this welder is **easy to transport and store**, making it ideal for workshop or on-site jobs. Its small size allows for convenient handling without compromising performance.
- ❓ **Advanced Nanocrystalline Technology:** The integration of this technology **optimizes energy efficiency**, reducing power consumption without compromising performance. Its innovative design improves heat dissipation, enhancing the equipment's durability.
- ❓ **Generator compatibility:** Designed to operate within a voltage range of **190–265V**, the CORE 160s **ensures stable performance even in environments with electrical fluctuations**. This feature makes it ideal for use in areas with limited access to the power grid.
- ❓ **Advanced features for precise welding:** Equipped with **Arc-Force and Hot-Start technologies**, it **facilitates arc ignition** and enhances welding control. These functions minimize spatter and ensure a clean, professional finish.
- ❓ **Ready to use:** Includes a sturdy carrying case and essential accessories such as cables and clamps, offering a practical and complete solution from the start.
- ❓ **With over 30 years leading the market**, Solter remains synonymous with quality, innovation, and trust in the welding industry. Rely on Solter and take your projects to the next level!

# INVERTER CORE 160S

Ref. 10217



## TECHNICAL DATA

## OPTIONAL ACCESSORIES

### Generals

Regulation	20A - 160A
Intensity MAX.	160A
Duty Cycle at 40°C	35%
Intensity at 60%(100%) a 40°C	130A (115A)
Regulations	EN-60974-1, EN-60974-10

### Technical

Usable electrodes MMA	1,6mm - 3,25mm
Usable electrodes TIG	1,0 - 2,4mm

### Structural

Regulation board	SOLTER
Ventilation	FORCED
Protection index	IP21S
Weight	3,5 kg
Dimensions	250x120x195mm

### Electrical

Supply Voltage	230V-1ph
Voltage range	190 - 265V
Fuse	16 A
I <sub>1</sub> max	30A
I <sub>eff</sub>	17,7A
Absorbed power max.	6,9Kva
OCV	50 V