GO WELD IT! WITH CORE.

CORE 210^{TIG}

CORE 210^{TIG} is a single-phase power source for highest-precision TIG DC HF welding, TIG Pulse, TIG Spot welding, and MMA welding.

Due to their high-grade, hybrid, composite and galvanized steel construction, CORE power sources are portable, durable, and resilient. CORE is built to last!

Advanced customizable easy-to-read controls make setting parameters intuitive, and smart monitoring features keep welders informed.

The ergonomic and sturdy handle and shoulder strap make CORE ready to weld anywhere.

Adjustable 2-step-arc start and 4-step arc start provide the welders with different options for ignition sequences and welding operations based on the specific application needs.

Cool-air management / wind tunnel, ensures optimal performance and minimizes service and maintenance time and costs.

Whether you're chasing deadlines or laying down critical welds, CORE keeps pace with your skill and your schedule.

reddot winner 2026

Experience The Perfect Weld Seam with superior arc performance.

Benefits

Premium Performance TIG: TIG DC HF welding with perfect arc ignition. Stable and smooth arc performance.

Advanced Pulsed TIG Arc Control provides operators with a stable arc ideal for thin gauge material, positional and out-of-position welding applications.

TIG Spot Welding enables very fine control over heat input and weld penetration. It minimizes the deformation and is particularly suitable for thin materials.

Premium Performance MMA with synergic mode. Stable and smooth arc across all electrode types.

The Expansive High-Contrast Display with TIG Sequence Diagram ensures optimal user experience (UX) for maximum readability indoors and outdoors. Set your pre-flow, initial current, upslope and downslope time and post flow individually.

Auto Power Line Adaption (115/230V). CORE automatically adjusts to grid or generator power for maximum flexibility.

Welding Parameter Storage. Set it once. Repeat perfection. Save and recall ideal settings for consistent, repeatable results.

Wired and wireless remote welding current control devices: a remote control can be connected to the power source. Easy adjustments of welding parameters directly on the torch or on the remote control.

voestalpine Böhler Welding
www.voestalpine.com/welding

voestalpine
ONE STEP AHEAD.

INDUSTRIES

- Petrochemical
- Food & Beverage
- Maintenance & Repair
- Welding Schools

Built tough. Backed for longer. Industry-leading 5-year warranty for peace of mind.

Technical Data

CORE	210 TIG	
Dimensions	429 x 172 x 316 mm	
Weight	10.3 kg	
IP Protection Rate	IP23S	
Insulation Class	H	
Power Supply Cable	3 x 2.5 mm² - 3 m	
Power Plug Type	16 A 250 V Type F	
Power Supply (50/60 Hz)	1 x 230 V (± 15 %)	1 x 115 V (± 15 %)
Maximum Input Power	4.83 kVA	2.70 kVA
Maximum Input Current	21.0 A	23.5 A
Efficiency	81.0 %	82.0 %
Power Factor (P.F.)	0.99	0.99
Duty Factor - 40 °C	25 % – 210 A 60 % – 135 A 100 % – 105 A	25 % – 140 A 60 % – 90 A 100 % – 70 A
No-load Voltage	76 Vdc	76 Vdc
CosΦ	0.99	0.99
Welding Current	5-210 A	5-140 A

Delivery Options

Art. Nr.	Description
55.27.002	CORE 210 TIG power source including TIG torch BT26 4 m & work cable 3 m

Spare Parts

Art. Nr.	Description
81.35.008	TIG torch BT26 4 m
71.25.002	Work cable with clamp & plug 25 mm² 3 m

81.35.008 TIG Torch BT26

71.25.002 Work Cable

Optional (field kit only)

Art. Nr.	Description
71.02.350	Remote control RC18 5 m
71.02.35001	Remote control RC18 10 m
71.02.35002	Remote control RC18 15 m
71.22.001	Wireless remote control
71.24.002	Stick electrode holder with cables & plug 25 mm² 3 m

Watch CORE in action

Visit our website to download the user manual

voestalpine Böhler Welding
www.voestalpine.com/welding

voestalpine
ONE STEP AHEAD.