

ELECTRODE WELDING INVERTER



The smallest, lightest and most rugged 400 V electrode welding inverter in its class. The welding parameters of the device can be adapted to the different electrode types, such as basic, rutil and cellulose using the selection knob on the front display.

ESI 200

Art. No. 5952 351 1

P. Qty. 1

- Switchover from electrode to TIG welding contact.
- Stable up to a height of 80 cm.
- Use of extension lines of up to 100 m.
- Easy use with electric generators.
- Extremely easy operation via preselection of the corresponding electrode types.
- Processing cellulose electrodes for pipeline construction.
- Digital current transformer compensates for operating errors and ensures extraordinarily good welding results.
- Special coating of electronic components results in high resistance to heat, cold, dust and dirt.
- Protection class IP 23, therefore protected against splash water and condensed water.
- 3-year warranty.

Delivery scope		
Designation	Art. No.	P. Qty.
Grounding Cable, 35 mm ² , 3 m	0984 150 170	1
Electrode Welding Cable, 35 mm ² , 4 m	0984 150 180	
Carrying Case, black, empty	0984 150 6	
Carrying Strap	-	

Technical data	
Weldable electrodes dia.	1.5 - 5.0 mm
Weldable TIG welding rod dia.	1.0 - 3.2 mm
Welding range for electrode and TIG welding	5 - 200/5 - 200 A
Switch-on time with max. current (+40°C) with electrode and TIG welding	30%
Weldable material thicknesses	
Steel	Up to 10 mm
TIG steel/stainless steel	1 - 4 mm
Copper	1 - 3 mm
Length of mains cable	4 m
Weight	5.8 kg

Arc force:

Increases the arc voltage in critical situations. Prevents slag from running into the molten bath and extinguishing the arc. As a result, even difficult-to-weld electrodes can be processed.

Hot start:

Ensures reliable ignition of the electrode. The hot-start energy is automatically adjusted to the selected welding current.

Anti-stick:

Prevents the electrode from sticking to the workpiece by automatically reducing the current. As a result, the electrode does not glow out and evaporation of alloy elements is prevented.

Available in the fleet management system
ORSY®fleet.

Application note

Electrode hand welding

Guideline value for welding current to be set:

Electrode core wire dia. x 40 amperes

TIG welding

Guideline value for flow rate in L/min:

5-250 amperes → 6.5-7.5 L/min

251-400 amperes → 8.5-9.5 L/min

Appropriate gas for TIG welding

100% argon

Suitable accessories

Rod Electrodes

Art. No. 0982 2... /0982 3...

TIG Welding Rods

Art. No. 0982 71...

WLV 17 TIG Torch

Art. No. 0984 150 0/2

TIG Equipment Kit 1 or 2

Art. No. 0984 150 3/4

Gold-Tungsten Electrode

Art. No. 0984 150 110/116/124/132