

ELECTRODE WELDING INVERTER



Digitally-controlled electrode welding inverter with changeover function from electrode welding to TIG welding. The rugged construction of the device makes it ideal for use on the road.

ESI 150

Art. No. 0702 351 01

P. Qty. 1

- Stable up to a height of 80 cm.
- Protection class IP 23, therefore protected against splash water and condensed water.
- Special coating of electronic components results in high resistance to heat, cold, dust and dirt.
- Digital current transformer compensates for operating errors and ensures extraordinarily good welding results.
- 3-year warranty.

Available in the fleet management system ORSY®fleet.

Delivery scope		
Designation	Art. No.	P. Qty.
Grounding Cable, 25 mm ² , 2.5 m	0984 150 7	1
Electrode Welding Cable, 25 mm ² , 3.5 m	0984 150 8	
Carrying Case, black, empty	0984 150 6	
Carrying Strap	–	

Technical data	
Weldable electrode dia.	1.5 – 4.0 mm
Weldable TIG welding rod dia.	1.0 – 2.4 mm
Welding range for electrode and TIG welding	5 – 150 A
Switch-on time with max. current (+40°C) with electrode and TIG welding	35%
Weldable material thicknesses	
Steel	Up to 10 mm
TIG steel/stainless steel	1 – 4 mm
Copper	1 – 3 mm

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.

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 0/1

TIG Equipment Kit 1 or 2

Art. No. 0984 150 3/4

Gold-Tungsten Electrode

Art. No. 0984 150 110/116/124