



INVERTER WELDER 250A VII250A

The 250A Inverter Welder from VITO's WEL range (VII250A), with a 7.8kVA power output, is suitable for intensive welding work in industrial environments. This welding machine offers top quality welding performance, allowing you to carry out tasks with precision and efficiency. Capable of MMA and LIFT TIG welding, this machine allows versatility in a variety of projects and materials, such as aluminium, stainless steel, steel, and iron. It also allows the use of electrodes from 1.6 to 5mm in diameter, reinforcing its versatile nature. Inverter technology also stands out for its ability to convert electricity efficiently, helping to stabilise and optimise welding. It is therefore characterised as an indispensable and reliable tool.

Key features

- > HOT START makes it easier to start welding;
- > ARC FORCE guaranteed stability;
- > ANTI STICK makes it easier to detach the electrode in the event of getting caught;
- > (VRD) Voltage Reduction Device reduces the no-load voltage for the user's safety;
- > Thermal protection, to protect against overheating;
- > Ventilation system that allows prolonged use of the machine without interruptions;
- > Easy-to-read digital display and adjustment of the welding parameters;
- > Ergonomics promoted by the lightness of the equipment.



Specifications

Carrying case	Aluminium
Insulation class	F
No-load voltage	65V
Power cord	1,3m
Terminals diameter	12,5mm
Type of welding	MMA, LIFT TIG
Ventilation system	Yes
Welding current	20-250 A
Yield	85%
Digital display	Yes
Earth clamp cable length	1,7m
Electrode holder cable length	1,7m
Electrodes diameter	1.6 - 5mm
Duty cycle	100% - 193A 60% - 250A
Height	340 mm
Length	460 mm
Product weight	8.056 kg
Weight with packaging	10.868 kg
Width	265 mm
IP code	IP21S

Package Contents

WELDING TYPES:> MMA - Use of electrodes (manual process)> LIFT TIG - Use of tungsten electrodes and an inert gas.ADDITIONAL FUNCTIONS:> HOT START - Makes welding easier due to the opening of the arc between the electrode and the workpiece.> ARC FORCE - Forces the arc between the electrode and the workpiece. Helps to finish welding without stopping or sticking the electrode.> ANTI STICK - Allows you to remove electrodes that stick to the workpiece without damaging them by over-current.> VRD - Voltage Reduction Device. Allows the user to touch the electrodes without any danger until the welding operation is completed.

Power factor (cos Ø)	0.93 cos Ø
Rated power	7,8 kVA
Supply voltage	230V AC 50Hz