



## 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                 | <b>Aluminium</b>                |
| Digital display               | <b>Yes</b>                      |
| Duty cycle                    | <b>100% - 193A   60% - 250A</b> |
| Earth clamp cable length      | <b>1,7m</b>                     |
| Electrode holder cable length | <b>1,7m</b>                     |
| Electrodes diameter           | <b>1.6 - 5mm</b>                |
| Height                        | <b>340 mm</b>                   |
| Insulation class              | <b>F</b>                        |
| IP code                       | <b>IP21S</b>                    |
| Length                        | <b>460 mm</b>                   |
| No-load voltage               | <b>65V</b>                      |
| Power cord                    | <b>1,3m</b>                     |
| Power factor (cos Ø)          | <b>0.93 cos Ø</b>               |
| Product weight                | <b>8.056 kg</b>                 |
| Rated power                   | <b>7,8 kVA</b>                  |
| Supply voltage                | <b>230V AC 50Hz</b>             |
| Terminals diameter            | <b>12,5mm</b>                   |
| Type of welding               | <b>MMA, LIFT TIG</b>            |
| Ventilation system            | <b>Yes</b>                      |
| Weight with packaging         | <b>10.868 kg</b>                |
| Welding current               | <b>20-250 A</b>                 |
| Width                         | <b>265 mm</b>                   |

### 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.

Specifications

|       |     |
|-------|-----|
| Yield | 85% |
|-------|-----|