

## CEBORA TIG WELDING INVERTER



Model WIN TIG DC 220 M - HF, art. 553

APPLY NOW FOR UP TO 24 MONTHS WARRANTY!

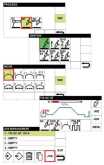
Simply register at

<https://welding.cebora.it/de/assistance/register-your-product>  
within 15 days of purchase.

CEBORA serial no.:

Article Number: **56902**

EAN Code: **9004853569029**



## TECHNICAL FACTS

- NEW: Multi-voltage system can be used for 230 V and 115 V
- TIG CYCLE: Fully definable welding cycle
- Active-Power-Control (APC) welding process for achieving colder weld beads
- White Rapid TIG Spot spot welding functions for optimum tacking without tarnish and minimal heat input
- The interval welding function enables welds with optimal heat input and penetration depth
- High pulse frequencies allow a welding arc to be focused more precisely on the area to be welded
- Various pulse arcs (low, medium, high and ultra-high frequency) for thin-walled materials where the heat input must be minimal
- Different types of arc ignition allow the user to adapt the welding machine to their own technique of TIG welding while remaining extremely precise
- Up to 9 welding programs can be stored
- ?1-button operation and intuitive colour LCD

## PRODUCT HIGHLIGHTS

Smart welding under full control

## CEBORA TIG WELDING INVERTER

The WIN TIG DC 220 M model offers more welding power and can be operated with tungsten electrodes up to Ø 3.2 mm. It allows complete control of the TIG welding cycle, making it ideal for high-quality welds in commerce and industry. Compliance with EN 61000-3-12 ensures a significant reduction in energy consumption and a high supply voltage tolerance (+ 15%/-20%). The power source can therefore be operated with power generators too (at least 10 kVA).

### Application examples -

- Production, repair & assembly companies
- Pipeline construction
- Metal, railing construction
- Machine, plant & tank construction
- ?? - Service & after-sales service

### Materials

- Steel
- CrNi
- Copper

SPECIFICATIONS	
welding electrodes diameter	WIG 1,6 - 3,2 / MMA 1,6 - 4,0 mm
welding current setting	WIG 5 - 220 / MMA 10 - 140 A
100 % welding power source (10 min at 40 °C) at welding current	WIG 140 / MMA 115 A
welding power source (10 min. at 40 °C) at welding current	WIG 160 / MMA 125 A
welding power source (10 min at 40 °C) at welding current	TIG 30/220 / MMA 35/140 % / A
Open circuit voltage	88 V
voltage / phases	230 / 1 V / ~
Mains frequency	50 Hz
power tolerance	-0.75 %
anti-surge fuse	16 AT
thermal overload protection	Yes
insulation class	H
Degree of protection (IP)	23 S

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input power I1 max. / I1 eff.	WIG 22/12 / MMA 19/12 A
ground connection plug / cross-section	13 / 35 O / mm2
connector	Schuko 16 A
Width	176 mm
Depth	450 mm
Height	402 mm
Weight	15.7 kg

## CEBORA TIG WELDING INVERTER



START UP SERVICE - ELMAG - QUALITY

## ELMAG® - Start-up Service

### Including ELMAG®-Quality Check

- Depreservation, degreasing and de-securing
- Assembly until ready for use
- Oil filling of gearboxes, oil baths and central lubrication systems
- Testing of electrics, safety components and devices
- Test run on all shift and power levels
- 30-minute test run at the highest power level
- Checking and, if necessary, adjustment of machine tolerances, e.g. V-belt tension and spindle concentricity
- Testing of all machine functions

### For lathes, in addition:

- Lathe chuck reassembly with marking of minimum tolerance
- Measurement of the spindle nose to tolerance < 0.01 mm
- Measurement of the lathe chuck
- Setting the tailstock parallelism

### For MIG/MAG/MMA/WIG welding, plasma cutting & induction heating equipment (depending on the type of equipment)

- Assembly of the unit, chassis assembly
- Intermediate hose assembly
- Mains plug assembly and gas hose assembly
- Connection preparation for gas or compressed air
- Control cable plug Assembly on hose assembly
- Installation & activation of water cooling unit for modular systems
- Filling with cooling liquid for liquid-cooled units
- Short test run or test welding

### Competent execution guaranteed

