



NOVATIG 304 AC/DC LCD



Main features

HF (high frequency) mode

- Arc ignition system with HF for an easier start of welding.

Ramp up / down and Post Gas

- Adjustment of the rise and fall time of the current ramp and regulation of the Post Gas time.

Extra functions

- Automatic ARC FORCE adjustment, HOT START and anti-sticking for one greater control and ease of use during MMA welding.
- Multitack function.
- Q-START function.
- Dynamic Arc function.

4.3 "LCD display

Protections

- Equipped with temperature sensors for the INVERTER protection.
- Equipped with sensors that guarantee the MAX current limitation of welding.

Weight

- Extremely low weight which makes it versatile and portable the generator.

Compatibility with Generators

- Thanks to the ability to adapt to sudden changes of voltage and connection with generator.

Three-phase AC/DC TIG

The **NOVATIG 304 AC/DC LCD** generator is a newly designed inverter that uses the latest electronic technologies to guarantee a cutting-edge product suitable for a wide range of industrial applications. It offers the possibility to use the mode TIG with high frequency ignition with up / down ramp adjustment.

This generator can perform a fast continuous spot welding (Multitack) using very thin material thicknesses. It has the integrated function of the Q-START which is meant to point the pieces during the initial welding phase.

Of no less importance is the welding dynamic arc that makes the process faster with less deformation of the welded parts. Thanks to the ability to adapt to sudden changes connection is possible with generator. It also has a "smart" function that simplifies the use of the generator, even for beginners.

It is also available in water-cooled version.

- INVERTER TECHNOLOGY
- LCD DISPLAY
- PEDAL CONTROL CONFIGURATION
- ADJUSTABLE SLOPE UP AND SLOPE DOWN
- 2 - 4 STROKE SELECTION
- TIG AC/DC – MMA SELECTION
- LIFTARC OR HF INITIATION SELECTION
- TIG AC/DC SELECTION
- PULSED MODE
- ADJUSTABLE PRE GAS AND POST GAS
- ADJUSTABLE HOT START AND ARC FORCE
- SPOT FUNCTION
- MULTITACK FUNCTION
- Q-START FUNCTION
- DYNAMIC ARC FUNCTION
- COUPLING WITH MOTORGENERATOR

- Structural steelwork • Building
- Repair & maintenance • Civil engineering
- Naval engineering • Power plants
- Transportation



NOVATIG 304 AC/DC LCD

Technical data

Description	NOVATIG 304 AC/DC LCD	
Power supply, single phase	400V - 50/60 Hz (AC)	400V - 50/60 Hz (DC)
Fuse	20 A	20 A
MAX power	11 KW	11 KW
MAX Current	16,5 A	17 A
Open circuit voltage	69 V	69 V
Welding range	10 -290 A	10 -290 A
Duty cycle 100%	183 A	183 A
Duty cycle 60%	237 A	237 A
Duty cycle 40%	290 A	290 A
Compliant with standards	EN 60974 / 1 - 10	
Application class	S	
Weldable electrodes diameters	1.6 - 5 mm	
Dimensions, mm (L x B x H)	680×210×395	
Weight, kg	18	
Insulation class	H	
Protection class	IP21S	
Cooling system	AF	
Operating temperature	- 10 + 40 °C	



Sincosald srl
via della Fisica, 26/28
20864 Agrate Brianza (MB), Italy
tel. +39 039 64117.1
fax +39 039 6057122

sincosald.it