



# NOVASTICK 163 PFC - NOVASTICK 203 PFC NOVASTICK 166 CASE



NOVASTICK 163 PFC  
NOVASTICK 203 PFC



NOVASTICK 166  
WITH CASE

## Main features

PFC technology, power factor equal to 0.99  
Multiple benefits such as energy saving and dual voltage power supply 110/220 V.

### Extra function

Automatic ARC FORCE adjustment, HOT START and anti-sticking for a greater control and ease of use during welding MMA.

### Digital display

- 7-segment digital display that allows to display the welding current to obtain a precise adjustment of the parameter.

### Protections

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

### Weight

- Extremely low weight making it versatile and portable the generator.

### Compatibility with Generators

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

## Inverter MMA

**NOVASTICK 163 - 203 with PFC and 166 with Case** series power sources represent the right answer to the needs of the market, solid and light but very reliable face and solve the most varied in the best way welding problems.

They use both rutile and basic electrodes e the high adjustment range allows to safely center the parameter of desired welding.

They are equipped with electronics that allow the control of the waveform and a considerable one reduction of power absorbed by the generator called PFC (Power - Factor - Control). By mounting the tap TIG torch it is possible perform welding in TIG - Lift Arc mode. The 163 - 203 PFC models have the particularity of being able to use 2 different voltages if necessary (230V / 110V) the use of these generators is particularly suitable in the sector of maintenance and assembly of equipment industrial.

- ENERGY SAVING
- PFC ELECTRONICS (POWER - FACTOR - CONTROL)
- INVERTER TECHNOLOGY
- CONTINUOUS ADJUSTMENT FROM 10 TO 160 AMPS
- CONTINUOUS ADJUSTMENT FROM 10 TO 90 AMPS
- CONTINUOUS REGULATION FROM 10 TO 200 AMPS
- CONTINUOUS ADJUSTMENT FROM 10 TO 120 AMPS
- TIG - LIFT ARC INITIATION
- MULTI VOLTAGE OF USE (230/110 V)
- ADJUSTABLE HOT START AND ARC FORCE
- COUPLING WITH MOTORGGENERATOR

- Metal industry
- Buildings
- Repair and maintenance
- Civil constructions
- Shipbuilding



# NOVASTICK 163 PFC - NOVASTICK 203 PFC NOVASTICK 166 CASE

## Technical data

Description	NOVASTICK 163 PFC		NOVASTICK 203 PFC		NOVASTICK 166 Case
Power supply, single phase	230 V 50/60 Hz	110 V 50/60 Hz	230 V 50/60 Hz	110 V 50/60 Hz	230 V - 50/60 Hz
Noise emissions	< 70 dB	< 70 dB	< 70 dB	< 70 dB	< 70 dB
Fuse	25 A	25 A	40 A	40 A	40 A
Absorption (A)	22 A	24.4 A	30 A	33 A	33 A
MAX power	5.1 KW	2.6 KW	6.8 KW	3.4 KW	6.8 KW
Open circuit voltage	14.5 V	14.5 V	14.5 V	14.5 V	62 V
Duty cycle 100 %	105 A	60 A	130 A	70 A	105 A
Duty cycle 60 %	135 A	75 A	165 A	90 A	135 A
Duty cycle 50 %	-	-	-	-	-
Duty cycle 40 %	160 A	90 A	200 A	110 A	160 A
Output range	10 - 160 A	10 - 90 A	10 - 200 A	10 - 120 A	10 - 120 A
Compliant with standards	EN 60974 1 - 5 - 10	EN 60974 1 - 5 - 10	EN 60974 1 - 5 - 10	EN 60974 1 - 5 - 10	EN 60974 1 - 5 - 10
Electrodes diameter	1,6 - 4 mm	1,6 - 4 mm	1,6 - 5 mm	1,6 - 5 mm	1,6 - 4 mm
Weight, kg	6,1	6,1	6,1	6,1	6,1
Dimensions, mm (L x B x H)	390 x 142 x 278	390 x 142 x 278	390 x 142 x 278	390 x 142 x 278	360 x 146 x 278
Insulation class	H	H	H	H	H
Protection class	IP23	IP23	IP23	IP23	IP23
Cooling system	AF	AF	AF	AF	AF
Operating temperature	- 10 + 40 °C	- 10 + 40 °C	- 10 + 40 °C	- 10 + 40 °C	- 10 + 40 °C



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