

# ASTOR AC/DC TIG

The ASTOR TIG ACDC welding machines, equipped with Siemens semiconductors, come from Germany and are very affordably priced. This HIGH-TEC machine can be compared to machines that cost perhaps double. These welding machines are suitable for the laxes of ALU, (all alloys) magnesium and brass in AC mode, and mild steel, copper, titanium and stainless steel. In DC mode. It is important to use the PFC technology to get the full power out of this machine (200 AMP / 60% ED) so that this machine can be fully deployed on a melting lead of 16 AMP, at 230 volts single-phase. The control panel of this TIG machine is complete, with a memory card, pulse and double pulse, as well as a mixed pulse.

You can set all parameters on the digital panel, pre- and postgas, pulse, up-slope, downslope. Including SR 26/8 meter Tig torch in very smooth silicone rubber coaxial cable and equipped with the first half meter a leather protective cover, this is appreciated by the professional welder. With its full continuous power, it can be used in an industrial environment by intensive welding, up to wall thickness 9 mm in ALU.

As a protective gas, 100% argon is used in both AC and DC mode.



**SIEMENS**

## PROPERTIES:

- Low in weight and compact size
- Choice between HF and lift arch
- All ferrous and non-ferrous metals
- Excellent welding properties
- Siemens semiconductors on board
- PFC technology = high power at 220V
- Pulse and mixed pulse
- With 9 welding memories

Model	ASTOR-200 SQW	astor 320	astor-500
Max. capacity at 60%	200 A	320 A	500 A
Voltage	230 volts	400 volts	
Fuse	16 A	13 A	35 A
Power TIG	20 - 200 A	20 - 320 A	20 - 500 A
Power MMA	140 A	270 A	400 A
Power in kW	6.4 KW	15 KW	20 KW
Efficiency	84%	95%	
Semiconductors	<b>IGBT SIEMENS</b>		
Deflating voltage	56 volts	61 volts	67 volts
Ignition arc	HF+ lift arc		
Pulse range frequency	0.5-50 Hz	0.2 - 20 Hz	
PFC technology	yes	NA	
Insulation class	F	H	
Up slope time	0.1 second		
Down slope time	3 - 10 seconds	0 - 99 sec	
Class protection	IP-23		
Refrigeration	air-cooled	water-cooled	
Pre-gas	yes		
Post-gas	yes		
Dimensions in mm	475x200x410	530x240x445	
Weight	19.5kg	30.5kg	32 kg
Article number	243391015	243391222	243391224