

**AXXAIR**

[www.axxair.com](http://www.axxair.com)

V3.5-11-2014

# POWER SOURCES

POWER SOURCES



**MADE IN FRANCE**

**GLOBAL PROCESS**

**[www.axxair.com](http://www.axxair.com)**

# Power Sources



V3.5-11-2014

To run the complete welding process, all our power sources are fitted with a HIG colour touch screen ; The main functions are :

- Password protection
- Customized access according to the user : operator access to run the programs only, welder access to all customer functions, AXXAIR access for maintenance purposes.
- Auto compute mode for a quick set up according to the main welding characteristics : head type, tube diameter, tube thickness, welding mode, number of sectors, ...
- 200 welding programs, with 20 sectors, are stored on a Flash card
- Data acquisition : real welding data acquisition is made every second and recorded on the Flash card. 999 welding can be recorded on the card, before being overwritten if not downloaded on a PC.
- Axes synchronization : all the axes can be synchronized on the welding current pulse, allowing :
  - Step mode : speed pulsed with the current to get a better penetration while maintaining an effective control of the welding puddle.
  - Wire pulsed speed to feed the wire on the high level current and less on low current.
  - The oscillation synchronization allows the adjustment of the high current on the bevel by controlling the oscillation displacement time
- Parameters printing on the integrated printer
- Parameters printing on a PC through the Flash card
- Parameters control and alarm mode : safety mode for the heads in case of gaz absence or cooling failure. Alarms are recorded in order to check the integrity of a weld and remote access assistance.

