Welding Power Supply Power Source - ORBIMAT 300 CA AVC/OSC

Computer-controlled 300 amp compact power supply for orbital welding. Ideal for mobile use on-site. With Arc voltage control and oscillation.

The ORBIMAT CAdvanced series of orbital welding power supplies are equipped with a new and unique operating concept. In addition to the reliable automatic programming which generates welding parameters by entering the tube diameter, wall thickness, material, and welding gas all ORBIMAT CA models also have the exclusive new development

FLOW FORCE to reduce the pre-flow gas time when the weld heads are closed in the standard model and BUP control function with controllable, position-dependent tube internal pressure control as an optional extra.

The ORBIMAT 300 CA can only be operated in conjunction with a water cooling system, ordered separately.

Simple and convenient operation thanks to multifunctional rotary actuator.

Control option for cold wire feed.

Arc Voltage Control and Oscillation.

Optimal visibility and operating conditions thanks to clearly laid-out 10.5 inch swivel monitor.

Graphically-supported operating interface and multilingual menu navigation via color display.

Capacity to store over 5,000 welding programs, providing systematic and clear program management thanks to the creation of folder structures.

Welding data logging and printout of actual values.

A multicard reader enables data to be transferred easily to an external PC.

It is possible to extend memory and data exchange using CompactFlash card (CF), SD, MMC, Sony memory stick.

(Optional) PC-offline software with the capability to convert data protocols to PDF.

Easy to service thanks to PSS (Pro Service System):

Simple functional test with no need to open the unit.

Easy to service and components can be replaced quickly with the systematic component structure.

Power and motor slope adjustment between the individual sectors.

Coolant water and welding gas are monitored.

Option to program up to 99 sectors.

Possibility of connecting a monitor or printer (through VGA).

Integrated printer.

Metric and imperial units.