

Orbital Welding Power Supply ORBIMAT 300 CB

ORBIMATIC is proud to announce the introduction of the new orbital welding powersource ORBIMAT 300CB. The new powersource is replacing the ORBIMAT 250C. The new ORBIMAT 300CB computer controlled power source is very compact in design and has a highly visible 10,5" colour monitor.

Features ORBIMAT 300 CB

The new ORBIMAT 300 CBasic implements a completely newly developed computer system, which sets with its various field of

applications new dimensions in Orbital Welding Technology. Use of the latest power-electronic components allows a more

compact design which gives massive reductions in weight. Weighting only 26 kg (incl. water cooling!) and with dimensions of 530 x 370 x 220 mm, the ORBIMAT 300 CBasic is unequalled world-wide in relation to size and output. Obviously the ORBIMAT 300 CBasic includes the well proven ORBIMATIC AUTOPROGRAMMING with easy weld procedure generation, which requires input of Diameter, Wall thickness, Material and Gas, as well as the current slope function between a maximum 99 different Welding Levels.

The standard version of the ORBIMAT 300 CBasic includes the control system for coldwire-feeding and is therefore able to run the complete range of ORBIMATIC Weld heads.

Data-Logging

You have a wide range of Data-Logging available with multiple choice of documentation and archiving. With the use of the full function keyboard (supplied with the machine) additional information can be added to the data log file such as electrode type, welder's name, detailed application description and so on. Since printing after every weld may not be practical under some conditions, the data log files can be saved temporarily on a COMPACT-FLASH-Card.

ORBIMATIC offers

even an OFFLINE Soft/Hardware package, to allow transfer of Data Log files to any PC for achieving and administration. PSS Pro Service System

The new PSS (Pro-Service-System) brings a new dimension to Orbital Welding. PSS allows the operator to easily detect any

failures on the system, which provides rapid maintenance on site. With a very systematic order of each component, all parts are easy to locate and exchange. Key components are connected by simple plugs. An LED panel is located on the rear side of the machine and this allows the operator to identify an future problems without having any technical knowledge, or the need for any other instruments.

Furthermore specific control functions of the system can be temporarily switched off in order to complete, with extreme care, an immediate application on site. The machine can then be taken to a workshop to be serviced and repair the fault .

ORBITWIN 300

For maximum production the ORBITWIN 300 can be used to allow simultaneous connect of 2 weld heads. The ORBITWIN

300 will allow the connection of two different head models. Each weld head can be assigned a separate welding procedure and the ORBITWIN 300 will automatically transfer all services to the weld head in use and recall the associated procedure.

While one head is in use the other is isolated, allowing the operator to set one head while the other is welding.

Technical Data:

New 10,5" colour display

Input Power 3x400 VAC +- 15%

Welding current 3-300A

Output Range 100% at 200A

60% at 300A

Weight without ORBICOOL 34 Kg

with ORBICOOL 48 Kg

Dimensions without ORBICOOL 530x420x320 mm

with ORBICOOL 530x580x320 mm

Download Brochure ORBIMAT 300 CB