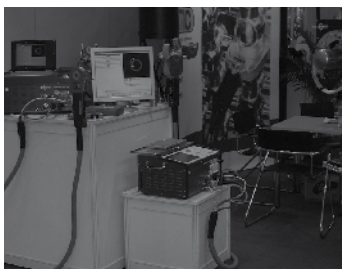


ORBIMAT CBasic - compact orbital welding power supplies!



PSS Pro-Service-System:
Easily detecting failures on the system which permits rapid maintenance on site.



Auto-programming, multi-language operation and highly visible 10.5" colour monitor.



PC offline software (optional) with simple conversion of data log files into pdf-files.



Storage extension and data transfer via CompactFlashCard.

Orbital Welding Power Supplies

11

Orbital welding power supplies ORBIMAT CB

Orbital welding power supplies of the ORBIMAT CBasic series include the tried and tested and classic operating concept from Orbitalum with entry of all parameters via a high quality function and numeric keypad. All values can be programmed directly and without a conversion factor.

The ORBIMAT CB series includes the tried and tested automatic programming with programming help when entering the tube diameter, wall thickness, material and welding gas.

The basic model of the ORBIMAT CB series includes the following functions and equipment:

- DC welding.
- Control option for cold wire feed.
- Optimal visibility and operating conditions thanks to clearly laid-out 10.5" monitor.
- Multilingual menu navigation via color display.
- Capacity to store over 5,000 welding programs.
- Welding data logging and printout of actual values.
- A multcard reader enables data to be transferred easily to an external PC.
- Memory can be extended and data exchanged using CompactFlash card (CF), SD, MMC, SM, Sony memory stick.
- (Optional) PC-offline software with the capability to convert data protocols to PDF.
- Extremely 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 thanks systematic component structure.
- Power 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.

Scope of delivery ORBIMAT CB power supplies:

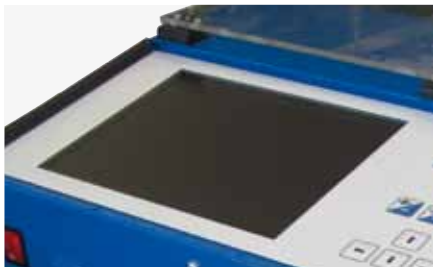
- 1 orbital welding power supply of the ORBIMAT CB series
- 1 connection hose set ORBIMAT
- 1 blind plug
- 1 welding connector adapter 165A/300A
- 1 external keyboard
- 1 liter antifreeze
- 1 filling funnel
- 2 keys for key switch
- 1 operation manual



Multilingual menu navigation via color display



High quality function and numeric keypad



Optimal visibility and operating conditions thanks to clearly laid-out 10.5" monitor



Integrated printer



*PSS Pro-Service System:
Simple functional test with no need to open the unit*

ORBIMAT 165 CB

Computer-controlled 165 A compact power supply for orbital welding
 – Ideal for mobile use on building sites.

See page 12 for the basic model; additional functions and equipment:

- Integrated water cooling system for cooling the connected weld heads.
- WIDE RANGE input voltages for safe operation of power sets or voltage networks with extreme fluctuations in voltage.

Technical Data	ORBIMAT 165 CB
Connection voltage (WIDE-RANGE)	90 - 265 V, 50/60 Hz, 1 phase
Control range	2 - 165 A for a connection voltage > 160 V 2 - 110 A for a connection voltage < 160 V
Power-on time	40% at 300 A 60% at 260 A 100% at 220 A
Weight including water coolant system	24 kg
Dimensions including water coolant system	510 x 360 x 220 mm

Article	Code	kg
ORBIMAT 165 CB	875 000 001	24,000



ORBIMAT 165 CB

ORBIMAT 300 CB

Computer-controlled 300 A power supply for orbital welding.

See page 12 for basic model.

Please note that the ORBIMAT 300 CB may only be operated in conjunction with a water cooling system that must be ordered separately (see page 14).

Technical Data	ORBIMAT 300 CB
Connection voltage	400 V +/- 15%, 50/60 Hz, 3 phase
Control range	5 - 300 A
Power-on time	40% bei 300 A 60% bei 260 A 100% bei 220 A
Weight	34 kg
Dimensions	530 x 400 x 400 mm

Article	Code	kg
ORBIMAT 300 CB	874 000 001	34,000



ORBIMAT 300 CB