

THE NEXT GENERATION OF  
ORBITAL WELDING EQUIPMENT



# ORBITWIN C

Dual Weld Head Switching Unit



ORBITWIN shown with ORBIMAT 165C Basic

## Features of the ORBITWIN C

- ✚ Available for all ORBIMAT C models
- ✚ No need to keep changing cables
- ✚ Connect two different weld heads
- ✚ Use different weld procedures
- ✚ Auto head detection and switching
- ✚ Compatible with all Orbimatic Weld Heads

The ORBITWIN range of twin head switching units can be used to maximise the 'Arc Time' of your Orbimatic C Orbital Welding Power Supply.

The ORBITWIN allows you to connect two weld heads to one power supply simulations. This allows the operator to set up a joint in one head while the other head is performing a weld cycle.

The ORBITWIN is available for any ORBIMAT C power supply and is compatible with all ORBIMATIC weld heads.

## The ORBITWIN C

The ORBITWIN C range of automatic switching units allow an ORBIMAT C orbital welding power supply to be used with two weld heads attached.

Two completely different weld heads can be attached which have different configurations.

As the ORBITWIN is 'intelligent' will detect which weld head has been activated, select the correct weld procedure for that weld head. Then it will transfer Gas, Water, Control and Current to that weld head and finally start the weld cycle.

For example a ORBIWELD 65 enclosed weld head could be used as weld head 1 to perform and autogenous route run. The a ORBIWELD 2.5 open arc weld head could be used as weld head 2 to perform a filling run with an additional filler material being added.

The operator can be loading the component into weld head 2 as the weld head 1 is performing a weld cycle. Then when weld head 1 has finished it's weld cycle weld head 2 can be activated. Now weld head 1 can be unload and the next component loaded while weld head 2 runs its welding cycle. Then so on, keeping your arc on time to a maximum.

All this from the press of one button!

The ORBITWIN C is offered as a stand alone option which means this unit can be added to an ORBIMAT C orbital welding power supply at any time with no upgrading need to the ORBIMAT C orbital welding power supply.

### Models Available

Orbitwin 160C for use with the Orbimat 160C  
Orbitwin 250C for use with the Orbimat 250C  
Orbitwin 300C for use with the Orbimat 300AC

## OTHER ORBIMATIC EQUIPMENT

### ORBIMAT C Orbital Welding Power Supplies

- From 165 Amps DC to 300 Amps AC/DC
- Other configurations to your specifications.
- Fully Automatic or Manual Programming
- Application Specification Input
- Large Easy To Read Display
- Integral Printer

### ORBIWELD Enclosed Weld Heads

- Tubes 2mm to 170mm OD
- Quick Release Collet System
- ORBIWELD 12 for Micro-Fittings
- Robust Design
- Fully Water Cooled
- Integral Control Panel
- Smart Linked for protection

### ORBIWELD Open Arc Weld Heads

- For Pipes up to 10" (275mm OD) Diameter
- Optional On Board Wire Feed Unit
- Compact but Robust Design
- Fully Water Cooled
- Integral Control Panel
- Smart Linked for protection

### P20 Tube to Tube Sheet Weld Head

- Up to 90mm OD Tubes
- Optional On Board Wire Feeder
- Protruding, Flush or Recessed Tubes
- Smart Linked for protection
- Fully Water Cooled

### ORB1000 Oxygen Analyser

- Detects Oxygen Levels Down to 10 ppm
  - Audible Warning Tone
  - Direct interfacing to ORBIMAT C
  - User Friendly Menu System
- Housed in Robust



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