

## OM 165CA

RENTAL  
AVAILABILITY

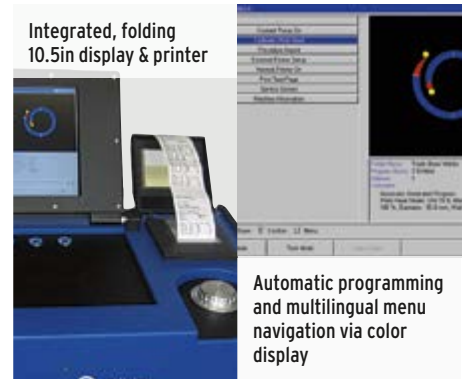
Automatic, repeatable  
high-quality welds



Simple and convenient  
operation with intuitive,  
ergonomic user interface.



Integrated, folding  
10.5in display & printer



Automatic programming  
and multilingual menu  
navigation via color  
display

### OM 165CA COMPACT ADVANCED

FOR THE PAST DECADE, THE OM 165CA HAS EVOLVED INTO THE INDUSTRY STANDARD FOR ORBITAL WELDING AT HIGH PURITY AND SANITARY CONSTRUCTION JOBSITE. IT'S ESTABLISHED ITSELF AS A DURABLE, "JOBSITE" RUGGED ORBITAL WELDING SYSTEM.

- Rugged construction for fab or field applications
- Intel WP approved for fab/clean room construction
- Large screen for easy operator viewing of weld progress
- Operate or program modes with key or electronic actuation
- Dual weld data printing function (onboard and external)
- 100% data recording of all welding parameters, electronic or print
- Built in purge gas flow meter and monitoring
- Flow Force feature significantly shortens pre/post purge while increasing weld purge quality
- Auto program gives option to multiple weld schedule types with maximum simplicity
- Wide input voltage variation, 90V to 260V, no dedicated power required
- High efficiency internal water cooling system
- ORBmax oxygen monitor and Orbitwin switching unit integral accessories

# OM 165CA Power Supply

## Specifications:

MODEL	165CA ORBITAL WELDING POWER SUPPLY
Connection voltage	Wide-Range 90 - 260 V, 50/60 Hz, single phase
Control range (Connection voltage > 160 V)	2 - 165 A 2 - 110 A
Power-on time	30% at 165 A 100% at 120 A
Dimensions	510 x 360 x 220 mm 20.1 in x 14.2 in x 8.7 in
Storage	Compact Flash (CF)
Machine Weight	57.32 lb (26 kg)
Shipping Weight	90.39 lb (41 kg)
Code	0T871.000.001

## Scope of delivery:

- 1 Orbital welding power supply of the OM CA series
- 1 Hose connection set OM
- 1 External keyboard
- 2 Keys for the key switch
- Operating instructions with calibration certificate
- QuickStart guide

## Accessories (available option):

- ORBICAR S trolley
- Durable storage and shipping case
- ORBITWIN switching device
- ORBmax digital oxygen analyzer
- Pressure regulator



OM 165CA Orbital Welding Power Supply



Easily connect external monitor,  
keyboard, and printer



Integrated lifting handles and compact design  
for enhanced portability



ORBmax Digital Oxygen Analyzer  
for superior weld quality