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 JOBSITES. 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:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>165CA ORBITAL WELDING POWER SUPPLY</th>
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<tbody>
<tr>
<td>Connection voltage</td>
<td>Wide-Range 90 - 260 V, 50/60 Hz, single phase</td>
</tr>
<tr>
<td>Control range (Connection voltage &gt; 160 V)</td>
<td>2 - 165 A</td>
</tr>
<tr>
<td></td>
<td>2 - 110 A</td>
</tr>
<tr>
<td>Power-on time</td>
<td>30% at 165 A</td>
</tr>
<tr>
<td></td>
<td>100% at 120 A</td>
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<tr>
<td>Dimensions</td>
<td>510 x 360 x 220 mm</td>
</tr>
<tr>
<td></td>
<td>20.1 in x 14.2 in x 8.7 in</td>
</tr>
<tr>
<td>Storage</td>
<td>Compact Flash (CF)</td>
</tr>
<tr>
<td>Machine Weight</td>
<td>57.32 lb (26 kg)</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>90.39 lb (41 kg)</td>
</tr>
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<td>Code</td>
<td>07871.000.001</td>
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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