Weldarc 200i DC
Part No: MC109-0 [Package]

Precision TIG Welding for Workshop or On-Site Installation

✔️ DC TIG ✔️ PULSE TIG ✔️ HF START ✔️ STICK
✔️ PFC ✔️ FAN-ON-DEMAND™

WELDARC 200i DC KEY FEATURES
➢ 200 Amp DC TIG
➢ 180 Amp Stick welder
➢ Pulse TIG
➢ TIG Torch with in-built trigger and current control (8m)
➢ TIG HF Pulse Arc Start or TIG Lift Arc Start
➢ Compact, lightweight design
➢ Suits 2 - 4.0mm electrodes
➢ 15 Amp supply plug

APPLICATIONS
Onsite Maintenance
Food and Wine
Motor Sports Fabrication
Welding Contractors
Rural Workshops

PACKAGE INCLUDES
Work Lead (3m)
Industrial Twist Lock Electrode Holder (4m)
Gas Regulator
TIG Torch with built-in trigger and current control (8m)
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**VRD**
A built in VRD (Voltage Reduction Device) delivers added safety when operating in Stick or Lift-TIG mode and meets the requirements of site work. Fully compliant to Australian Standards AS 60974.1 & AS1674.2 CAT C.

**DC TIG**
DC TIG can be used for steel, stainless steel, copper and copper alloys, plus titanium. When welding in DC current HF start allows easy no contact starts for critical applications.

**HOT START™ FOR MANUAL ARC**
Built-in “Hot Start™” feature in stick mode for even better arc starting.

**ARC FORCE**
Built in “Arc Force”, constantly monitors arc voltage and will boost output if low arc voltage occurs.

**GENERATOR COMPATIBLE**
The Weldarc 200i DC has the added feature of Power Factor Correction, which makes the machine tolerant to unconditioned power from generators. The machine will be less demanding on generator output.

**HF START**
HF is a non-contact arc starting method using High Frequency energy pulse. Allows easy arc starting without the interference problems of conventional HF. Eliminates tungsten contamination.

**LIFT ARC TIG START**
Easy to use lift arc starting for TIG welding. Eliminates scratch starting and tungsten electrode damage.

**PULSE TIG**
In Pulse TIG the current can be adjusted to pulse between a peak current and a background current. Pulse TIG reduces heat input to material but still allowing filler metal melt, maintaining good penetration. Useful on thin materials, and near edges.

**INTEGRATED GAS VALVE**
PORTABLE
At 9.4kg, the Weldarc 200i DC can go wherever the job takes you, making it suitable for onsite maintenance.

**BUILT-IN OPERATOR SAFETY**
The power source features a built-in thermal protection device that will activate if the machine is operated beyond its safe thermal operating zone.

**FAN-ON-DEMAND™**
Power source cooling fan operates only when needed - reducing noise, energy use and the amount of contaminants pulled through the machine.

**FOOT CONTROL ADJUSTMENT**
Supports foot control connection for hands free amperage adjustment. (Part No. AA76)

**WARRANTY**
With a 3 year unlimited warranty, covering parts and labour, and supported by an Australia wide service network, you can be guaranteed you’re buying reliability and performance.

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<table>
<thead>
<tr>
<th>PRIMARY VOLTAGE</th>
<th>RATED PRIMARY CURRENT</th>
<th>MAX. PRIMARY CURRENT</th>
<th>REC. GEN. KVA</th>
<th>SUPPLY PLUG</th>
<th>RATED OUTPUT @ 40°C (10 MIN)</th>
<th>WELDING CURRENT RANGE</th>
<th>ELECTRODE SIZE RANGE (MM)</th>
<th>WEIGHT</th>
<th>IP RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>240 Vac - 50/60 Hz</td>
<td>14 Amps</td>
<td>25 Amps</td>
<td>8 KVA</td>
<td>15 Amps</td>
<td>Stick MMA 180 A at 27.2 V, 30% Duty Cycle 99 A at 24 V, 100% Duty Cycle</td>
<td>20 - 180 Amps</td>
<td>2.0</td>
<td>Shipping: 17.5kg</td>
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<td></td>
<td>TIG 200 A at 18 V, 30% Duty Cycle 110 A at 14.4 V, 100% Duty Cycle</td>
<td>10 - 200 Amps</td>
<td>2.5</td>
<td>Machine: 9.4kg</td>
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*Refer to diagram below.*