MINIARC - CITOARC

Equipment for manual metal arc (MMA) welding

NEW RANGE 2016
**MINIARC 3.2**

- **ELECTRODES 1.6 to 3.2 mm**
- The MINIARC 3.2, known for its exceptional “weight/power” ratio, is suitable for any maintenance activities and everyday intervention operations.
  - **PROFESSIONAL**
    - Compatible with motor generators
  - **RELIABLE**
    - Safe and reliable
  - **EASY TO USE**
    - Excellent arc striking and stability thanks to the Hot Start, Arc Force and Anti Stick functions.
  - **POWER SUPPLY**
    - 230 V single-phase
  - **ULTRA-LIGHT**
    - Less than 3.8 kg
  - **READY FOR USE**
    - Delivered with case and accessories
  - **OPTION**
    - TIG torch WTT2 9V: W000278876

<table>
<thead>
<tr>
<th>MINIARC 3.2</th>
<th>CITOARC 1600</th>
<th>CITOARC 1750</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power supply</strong> - 50/60 Hz</td>
<td>230 V +/-15% - 1 ph</td>
<td>230 V +/-20% - 1 ph</td>
</tr>
<tr>
<td><strong>Maximum power consumption</strong></td>
<td>35 A</td>
<td>31 A</td>
</tr>
<tr>
<td><strong>Rms current</strong></td>
<td>10 A - 11 A</td>
<td>19 A</td>
</tr>
<tr>
<td><strong>Max. absorbed power</strong></td>
<td>4.8 kW</td>
<td>4.6 kW</td>
</tr>
<tr>
<td><strong>Open circuit voltage</strong></td>
<td>69 V</td>
<td>85 V</td>
</tr>
<tr>
<td><strong>10%</strong></td>
<td>10 - 150 A</td>
<td>5 - 150 A</td>
</tr>
<tr>
<td><strong>60%</strong></td>
<td>70 A</td>
<td>150 A</td>
</tr>
<tr>
<td><strong>100%</strong></td>
<td>55 A</td>
<td>160 A (20%)</td>
</tr>
<tr>
<td><strong>Connector dimensions</strong></td>
<td>9 mm</td>
<td>9 mm</td>
</tr>
<tr>
<td><strong>Protection index</strong></td>
<td>IP 23S</td>
<td>IP 23S</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>220 x 120 x 320 mm</td>
<td>145 x 230 x 365 mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>3.8 kg</td>
<td>7 kg</td>
</tr>
<tr>
<td><strong>Standards</strong></td>
<td>EN 60974-1 / EN 60974-10</td>
<td>EN 60974-1 / EN 60974-10</td>
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</tbody>
</table>

**POWER SOURCES FOR MMA WELDING**

**CITOARC 1600 / 1750**

- **ELECTRODES 1.6 to 3.2 mm**
- Power sources for manual metal arc welding for industrial and professional use. Compact and reliable system. Compatible with motor generator.
  - **LIGHTWEIGHT**
    - less than 7 kg
  - **EASY TO USE**
    - Hot Start function to improve the arc striking and Arc Force function to avoid electrode sticking. Primary cable with 16 A Schuko plug (except 1600 model)
  - **VERSATILE**
    - welding with all coated electrode (except cellulosis).
  - **HIGH PERFORMANCE**
    - High duty cycle at 40 °C.
  - **HANDY**
    - thanks to the handy carrying strap
  - **OPTION**
    - MMA accessory kit: W000268854
    - TIG torch WTT2 17V: W000278880 + maintenance box: W000371536

- **MINIARC 3.2**
- **CITOARC 1600 / 1750**
- **WARRANTY**
  - 1 YEAR
  - 1 YEAR FREE MOTOR GENERATOR COMPATIBLE
- **Code**
  - MINIARC 3.2: W000385238
  - CITOARC 1600: W000385242
  - CITOARC 1750: W000385243
CITOARC 1450/1650/1850 FORCE

Ø ELECTRODES 1.6 to 4 mm
Latest generation inverter-technology power source
Low energy consumption and high duty cycle: an ideal tool for maintainers and for all professional, industrial or construction-site/shipyard applications.

■ EXCEPTIONAL PERFORMANCE
High duty cycle at 40 °C

■ COMPATIBLE WITH MOTOR GENERATORS
For use with up to 70 m primary extension cables, section 3 x 2.5 mm²

■ MULTIPURPOSE
MMA (except cellulosic) and TIG-LIFT

■ EXCEPTIONAL ARC CONTROL
A microcontroller handles the welding process

■ COMPLIANT WITH EN 61000-3-2 STANDARD
Reduction of the distortion entering the network

■ LOW ENERGY CONSUMPTION
Absorbing only 16 A of rms current

■ OPTION
• MMA accessory kit: W000260683
  • TIG torch WTT2 17V: W000278880
  + maintenance box: W000371536

CITOARC 1900C FORCE

Ø ELECTRODES 1.6 to 4 mm
Inverter-technology power source for the intensive welding of all types of electrodes including cellulosic ones. The microcontroller controls the welding process ensuring high performance and a stable arc. Digital front panel: easy setting of welding parameters. TIG-LIFT + welding also possible by managing the upward and downward ramps. Monitoring possibility via remote control.

■ INTENSIVE CYCLE 160 A at 50%, at 40 °C

■ COMPATIBLE WITH MOTOR GENERATORS
For use with up to 70 m primary extension cable, section 3 x 2.5 mm²

■ MULTIPURPOSE
MMA (also cellulosic) and TIG-LIFT +

■ COMPLIANT WITH EN 61000-3-2 STANDARD
Reduction of the distortion entering the network

■ LOW ENERGY CONSUMPTION
Absorbing only 16 A

■ SAFE Device for reducing the open circuit voltage (VRD)

■ OPTION
• MMA accessory kit: W000268864
  • TIG torch WTT2 26V: W000278885
  + maintenance box: W000371536
  • 10 m remote control: W00242069

CITOARC 3000 MV

Ø ELECTRODES 1.6 to 6.3 mm
Welding inverter for the most demanding applications. Powerful with wide current range and good duty cycle. Versatile - Single or three phase power connection, with input voltage range between 180 V and 440 V. Adapted for onsite work with good welding features on all electrodes, including cellulosic. Hot Start, Arc Force and Anti-sticking functions. TIG welding with TIG LIFT, VRD function to increase safety when working in humid environments.

■ INTENSIVE CYCLE
up to 270 A @ 35% at 40 °C (400 V - 3 ph)

■ COMPATIBLE WITH MOTOR GENERATORS
EASY TO USE Digital control panel with display

■ MULTIPURPOSE
MMA (also cellulosic) and TIG-LIFT

■ COMPLIANT WITH EN 61000-3-2 STANDARD
Reduction of the distortion entering the network

■ FLEX LINE between 180 V - 440 V

■ ALL TYPE OF ELECTRODES

■ OPTION
• MMA Accessory kit: W000011139
  • TIG torch WTT2 26V: W000278885
  + maintenance box: W000371536
  • 10 m remote control: W00242069

WARRANTY
1 YEAR

TIG LIFT
POWER FACTOR CONTROL
MULTIVOLTAGE INPUT POWER

SAVE ENERGY
EASY TO USE
MULTIPURPOSE

W000385251 | W000385252 | W000385253

W000385258

W000384358