The PowerCRAFT® TIG 201 AC/DC inverter machine is intended to be used for light to medium duty welding application. It is an ideal choice for maintenance, small repairs & general fabrication. The PowerCRAFT® machines are designed to be used on aluminium, aluminium alloy, copper, titanium and other non ferrous metals as well as stainless steel, carbon steel and other metals.

The PowerCRAFT® inverter machines are very compact, lightweight, accessories are included, so the machine is ready to weld out of the box.

**ADVANTAGE**
- Small and light weight yet versatile with 6 machines in one
  - Stick
  - DC TIG
  - DC TIG/ Pulse
  - AC TIG
  - AC TIG/ Pulse
  - TIG/ Spot
- Built-in VRD
  Increases operator safety in environments with increased hazard of electric shock.
- Generator Compatiable*
  Ideal for site use
- Intelligent protection
  Over-voltage, low voltage and over-current.
- High Frequency and Lift TIG Functions
  For consistent arc starting without tungsten contamination your choice of arc initiation is provided.
- Save your Setting
  Up to 20 set modes can be saved and recalled.
- 2T/4T Gun Trigger Settings
  For selecting preferred trigger operation.
- Gas Solenoid
  Provides control for shielding gas.
- Anti- Sticking
  Short Circuit Protection for Tungsten and Electrodes.

**FULL CONTROL OVER THE OUTPUT**
- Adjustable AC Balance
  for enhanced aluminium welding
- Pre- flow and Post- flow
  Variable gas flow controls.
- Control of Initial, Slope and Crater Currents
  Variable time and intensity controls.
- Pulse Frequency and Ratio Controls
  To control weld density and heat input.

**ADVANTAGES CONTINUED...**
- Spot Timer
  Adjust the spot time duration.
- Remote Control Ready
  Operates with optional Foot Remote Control

**FOR STICK WELDING**
- Adjustable Arc Force
  Control of short circuit currents.
- Hot Start
  Adjust your desired start current.
- IGBT technology
  For high reliability
- Easy to set Output Controls
  Digital Display
- Ready to weld with accessories
  Accessories/ power cord included
- Meets AS60974.1/ AS60974.10 and IEC 60974-1/ IEC60974-10 Australian and International Standards

**APPLICATIONS**
- General fabrication
- Maintenance/ repair
- Rural
- Home handy man

**UNIT INCLUDES**
- 3 metre input cable with integrated plug
- 3 metre ground cable with work clamp
- 3 metre welding cable with electrode holder
- PowerCRAFT™ PC26G TIG Torch 8m
- Argon regulator/ flow metre (Harris)
- Gas Hose Assy
TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Product</th>
<th>Item Number</th>
<th>Primary Voltage</th>
<th>Fuse Size</th>
<th>Weight (kg)</th>
<th>Dimensions HxWxD (mm)</th>
<th>Protection/Insulation Class</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIG 201 AC/DC</td>
<td>K69021-4</td>
<td>240/1/50-60Hz (± 10%)</td>
<td>16 [Slow blow or ‘D’ Curve]</td>
<td>17.3</td>
<td>325 x 215 x 480</td>
<td>IP23S/F</td>
<td>AS60974.1</td>
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<tr>
<td></td>
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<td></td>
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<td>IEC 60974-1</td>
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<td>ROHS CE</td>
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<td>CE</td>
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</tbody>
</table>

WELDING OUTPUT

<table>
<thead>
<tr>
<th>Product</th>
<th>Current range</th>
<th>Rated output (40°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIG 201 AC/DC</td>
<td>10-170A SMAW</td>
<td>200A @ 25%</td>
</tr>
<tr>
<td></td>
<td>10-200A GTAW</td>
<td>100A @ 100%</td>
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</tbody>
</table>

ACCESSORIES

<table>
<thead>
<tr>
<th>Item number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>K520</td>
<td>Utility Cart</td>
</tr>
<tr>
<td>K69102-1</td>
<td>Foot Remote Control</td>
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</tbody>
</table>

* GENERATOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Output</th>
<th>Output range</th>
<th>Peak Max</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;6kVA</td>
<td>170-270 Volts (RMS)</td>
<td>380 Volts</td>
<td>50-60Hz</td>
</tr>
</tbody>
</table>

CONTROL PANEL

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer’s particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products. Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying those types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing.

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