## CT 520DY

**Dual Voltage 110/220V 50/60 Hz**

<table>
<thead>
<tr>
<th>Functions</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 A Plasma Cutter</td>
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<td>200 A TIG (DC)*</td>
<td>200 A ARC (MMA)</td>
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</table>

### Power Requirement
- 110/220V 50/60 Hz

### Rated Output Current
- 50 A
- 200 A

### Duty Cycle
- 60% @ 50 A
- 100% @ 40 A

### Current Range
- 10 - 50 A
- 15 A - 200 A

### Rated Input Current
- 35 A
- 25 A

### Max. Cutting Thickness
- Severance Cut: 1”
- Conventional Cut: 3/4”

### Max Cutting Speed
- Severance Cut: 7.8 in/min
- Conventional Cut: 3.9 in/min

### Working Voltage
- 100 V
- 17.2 V
- 26.5 V

### Efficiency
- 90%
- 90%
- 90%

### Air Requirement
- 50-75 PSI @ 3.5 CFM

### Gas Flow
- 80 L/min
- 2 - 5 L/min

### Housing Protection Grade
- IP21

### Insulation Class
- B

### Performance Features
- **NEW DIGITAL INVERTER TECHNOLOGY**
- **3-IN-1 FUNCTION**
  - 50 A Plasma Cutter
  - 200 A TIG Welder (*DC - may not be suitable for Aluminum*)
  - 200 A MMA (ARC) Welder
- Compact and lightweight
- Premium Components (TOSHIBA MOSFETs)
- Automatic Dual Voltage & Frequency (110/220V, 50/60 Hz)
- Digital Display of Current on the Front Panel **NEW**
- Integrated Pressure Gauge on the Front Panel **NEW**
- Foot Pedal Ready (Foot Pedal Optional) **NEW**
- Insulated and Foldable Handle **NEW**
- High Performance and Easy to Use (for DIY & Professionals)

### Safety Features
- **Large Cooling Fan**
- **Over-Current Protection**
- **Overheat Protection**
- **Premium Components**
- **Voltage Regulation**
- **CE Standard**

### Accessories and Consumables
(Included Free of Charge - **$250 Value**)

<table>
<thead>
<tr>
<th>Plasma Cutter Accessories</th>
<th>Qty</th>
<th>TIG Accessories</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plasma Torch with 10 Feet of Hose</td>
<td>1</td>
<td>TIG Torch with 10 Feet of Hose</td>
<td>1</td>
</tr>
<tr>
<td>Electrode*</td>
<td>11</td>
<td>TIG Cap (short)</td>
<td>1</td>
</tr>
<tr>
<td>Nozzle*</td>
<td>11</td>
<td>TIG Cap (Long)</td>
<td>1</td>
</tr>
<tr>
<td>High Grade Ceramic Shield Cup*</td>
<td>6</td>
<td>Collet</td>
<td>3</td>
</tr>
<tr>
<td>High Grade Ceramic Swirl Ring*</td>
<td>6</td>
<td>Collet Body</td>
<td>3</td>
</tr>
<tr>
<td>Air Filter/Regulator with Brackets</td>
<td>1</td>
<td>Ceramic Nozzles</td>
<td>4</td>
</tr>
<tr>
<td>Air Hose with Clamps</td>
<td>1</td>
<td>Argon Flowmeter/Regulator</td>
<td>1</td>
</tr>
<tr>
<td>Teflon Tape</td>
<td>1</td>
<td><strong>ARC (MMA) Accessories</strong></td>
<td>1</td>
</tr>
<tr>
<td>Universal Ground Clamp (All Functions)</td>
<td>1</td>
<td>Electrode Clamp with Cable</td>
<td>1</td>
</tr>
</tbody>
</table>

*Including 1 installed on Torch*