while the information contained herein has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. we accept no liability of whatsoever for any faults and errors in the information contained herein. contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

model dsf-76d-150 hi-power soldering station with solder wire feeder

specially designed for soldering of solar panels & heavy automotive electronics

integrated solder wire feeder upto 2.0mm and 150 watt soldering pencil

note: solder wire roll is not a part of supply.

digital display for temperature

soldering pencil stand

150 watt soldering pencil

finger switch for feeding desired length of solder wire at set speed

solder feed length, speed and time programming switches

solder wire feeding assembly

scope of supply

• main controller & feeder unit
• soldering pencil
• soldering bit
• soldering pencil holder
• solder wire feeding attachment

note: standard station comes with 0.8mm solder wire dia. for other dia. of solder wire, please specify clearly solder wire size. choices are 0.8, 1.0, 1.2, 1.4, 1.6, 1.8 & 2.0 mm

soldering with solder wire feeder example

small & large solar panels soldering

heavy automotive electronics soldering

warranty is 12 months from the date of invoice. it excludes all consumable parts as heating elements, temperature sensors, soldering/desoldering/hot air tips, cleaning sponges, cleaning brass wool.

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shown trademarks are property of their respective owners.
Today's highly competitive and demanding industrial soldering applications need highest possible productivity of operators and every paisa must be saved for avoiding wastage of Solder Wire. Such demanding requirements are met with fast thermal recovery Model DSF-76D-150 Hi-Power Soldering Station with Solder Wire Feeder. Besides making one hand of operator free, it also provides consistent quality for each solder joint as same amount of Solder wire with pre-programmed feeding is applied at optimized process temperature.

### Specifications
- **Temperature Range**: 50°C ~ 550°C
- **Temperature Stability**: ±2% of final value
- **Tip to Ground Resistance**: <2Ω
- **Tip to Ground Potential**: <2mV
- **Input Supply**: 230VAC, 50Hz
- **Feeding Speed**: About 2.7mm/s~27mm/s
- **Feeding Interval Time**: 0~2.7S
- **Feeding Length**: 0~150mm
- **Returning Time**: 0~0.9s
- **Feeding Mode**: Auto (1~9) / Manual (0)
- **Diameter of Solder Wire**: 0.8mm

### Different Soldering Tips for soldering of Solar Panels & Heavy Automotive Electronics

<table>
<thead>
<tr>
<th>Description</th>
<th>Diagram</th>
<th>Width (mm)</th>
<th>Thickness (mm)</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Sloped Tip for Solar Cells</td>
<td><img src="image1.png" alt="Diagram" /></td>
<td>Ø8</td>
<td>4</td>
<td>500-4DK</td>
</tr>
<tr>
<td>Chisel Tip</td>
<td><img src="image2.png" alt="Diagram" /></td>
<td>10</td>
<td>2</td>
<td>500A-10D</td>
</tr>
<tr>
<td>Chisel Tip</td>
<td><img src="image3.png" alt="Diagram" /></td>
<td>8</td>
<td>2.5</td>
<td>500-8D</td>
</tr>
<tr>
<td>Chisel Tip</td>
<td><img src="image4.png" alt="Diagram" /></td>
<td>3.5</td>
<td>2</td>
<td>500-3.5D</td>
</tr>
<tr>
<td>Sloped Tip</td>
<td><img src="image5.png" alt="Diagram" /></td>
<td>Ø8</td>
<td>-</td>
<td>500-8CF</td>
</tr>
<tr>
<td>Sloped Tip</td>
<td><img src="image6.png" alt="Diagram" /></td>
<td>Ø5</td>
<td>-</td>
<td>500-5C</td>
</tr>
</tbody>
</table>

### Assured availability, normally ex-stock, of Spare Parts for Soldering Pencil

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Barrel Assembly</td>
<td>Replace if worn out</td>
</tr>
<tr>
<td>2</td>
<td>Soldering Tip</td>
<td>Replace if worn out</td>
</tr>
<tr>
<td>3</td>
<td>Nipple</td>
<td>Replace if worn out</td>
</tr>
<tr>
<td>4</td>
<td>Heating Element</td>
<td>Replace if display shows H-E</td>
</tr>
<tr>
<td>5</td>
<td>Sensor</td>
<td>Replace if display shows S-E</td>
</tr>
<tr>
<td>6</td>
<td>Handle</td>
<td>Replace if broken</td>
</tr>
</tbody>
</table>