Thank you for purchasing Int852 SMD Rework Station. Please read the manual before using the unit. Keep manual in accessible place for future reference.

WARNING: When turned ON, temperature of the hot air gun ranges from 100°C - 500°C. Injury might occur if not handled properly.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Package Inclusion</td>
<td>3</td>
</tr>
<tr>
<td>Specifications</td>
<td>3</td>
</tr>
<tr>
<td>Care and Safety Precaution</td>
<td>4</td>
</tr>
<tr>
<td>Function</td>
<td>5</td>
</tr>
<tr>
<td>Operating Instruction</td>
<td></td>
</tr>
<tr>
<td>Soldering</td>
<td>5</td>
</tr>
<tr>
<td>Desoldering</td>
<td>6</td>
</tr>
<tr>
<td>Replacing the heating element</td>
<td>7</td>
</tr>
<tr>
<td>Air Nozzles</td>
<td>8</td>
</tr>
<tr>
<td>Nozzle Model</td>
<td>IC Package Size</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------</td>
</tr>
<tr>
<td>1181</td>
<td>2B 25G</td>
</tr>
<tr>
<td>1182</td>
<td>3B 50G</td>
</tr>
</tbody>
</table>
REPLACING THE HEATING ELEMENT

1. Remove the screws (see fig. 4) then slide off the tube.
2. Disconnect the ground wire sleeve (see fig. 5-1) and remove the pipe. Inside the pipe, the Quartz glass and heat insulation is installed.
3. Disconnect the terminal (see fig. 5-2) and remove heating element.
4. Carefully insert new heating element and reconnect the terminal. Avoid touching the heating element wire.
5. Reconnect the ground wire after replacing the element then reassemble unit.

Fig. 4

Fig. 5
OPERATING INSTRUCTIONS

Initial Procedures:
1. Ensure Hot air gun is place on its holder.
2. Put the power switch in off position.
3. Plug in unit to AC power source.

Hot Air reworking:
1. Turn on the power switch.
2. The Digital display would show the current Set temperature.
3. Adjust airflow to desired level, use the built in airflow gauge as reference for air flow level
4. Adjust desired temperature level.
5. Wait for actual temperature to reach the set temperature. The real temperature can be viewed by pressing the real temp switch.
6. When the Temperature has stabilized reworking may begin.
7. After usage place the hot air gun back to its holder.
8. Adjust air flow to maximum.
9. Turn the power switch to OFF position. Unit would continue blowing air to cool down the nozzle. When the temperature at the nozzle has reached a safe level (less than 100 degrees), the pump would automatically shut off.
10. Unplug unit if it is not to be used for extended periods.
FUNCTION

- Digital display or actual temperature and set temperature.
- Airflow gauge provides visual feedback of air flow.
- Cool down safety feature. Unit blows air at room temperature to remove excess heat from the nozzle. This feature prolongs the usage life of the heating system.
- Anti-static design prevents damage of the Circuit Board due to static or electricity leak.
- Nozzle of the gun doesn’t need direct contact with the components, therefore, lessening the possibility of moving or overheating surrounding components.
- Wide range of adjustable temperature and air flow.
- Has different kind of nozzles for different purposes. Best suited for repairing QFP, SOP, PLCC and SOJ components.

CONTROL PANEL

![Diagram of control panel with labels]

- Actual / Set Temperature Digital Display
- Power Switch
- Airflow Gauge
- Temperature Adjustment Knob
- Airflow Adjustment Knob
- Actual / Set Temperature Display Toggle switch
CARE and SAFETY PRECAUTIONS

CAUTION: Misuse may cause injury and physical damage. For your own safety, be sure to comply with the following precautions.

- Temperature may reach a high of 500°C when turned on.
  - Do not use near flammable gases, paper and other materials.
  - Do not touch heated parts, can cause severe burns.
  - Warn people around work area.
- Thermal Protector
  - If the thermal protector trips, reduce the temperature setting or increase the air flow.
  - Unit is equipped auto shut-off ability when temperature gets too high and automatically turns on when temperature dropped to a safe level.
- Auto-Cooling Function
  - Unit is designed to blow cool air after being turned off. Do not unplug during this cooling process.
- Handle with Care
  - Never drop or sharply jolt the unit.
  - Contains delicate parts that may break if unit is dropped.
- Disconnect plug when not to be used for a long period of time.
  - Turn off power during breaks.
- Use only genuine replacement parts.
  - Turn-off power and let unit cool before replacing parts.
- Do not modify unit
PACKAGE INCLUSION

Station with hot air gun 1
Air nozzles (1124, 1130, 1196, 1197) 4
G001 IC popper 1
Z001 Hot air gun holder 1
Power cord 1

SPECIFICATION

<table>
<thead>
<tr>
<th>Power Input</th>
<th>available in 110V / 220V</th>
</tr>
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<tbody>
<tr>
<td>Power Consumption:</td>
<td>500W</td>
</tr>
<tr>
<td>Temperature Range:</td>
<td>100°C - 480°C</td>
</tr>
<tr>
<td>Heating Element:</td>
<td>Metal Heating Core</td>
</tr>
<tr>
<td>Pump/Motor Type:</td>
<td>Diaphragm Pump</td>
</tr>
<tr>
<td>Air Capacity:</td>
<td>23 l/min (max)</td>
</tr>
<tr>
<td>Station Dimensions:</td>
<td>188(w) x 127(h) x 244(d) mm</td>
</tr>
<tr>
<td>Weight:</td>
<td>3.8Kg</td>
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</tbody>
</table>

** This product is ESD-protected.
** Specifications and design are subject to change without prior notice.