1. SAFETY MARK DEFINITIONS

In this manual, the following safety marks are used.

WARNING
Failure to obey a safety warning could result in serious injury or death to yourself or to others, or other damages.

CAUTION
Failure to obey a caution warning could result in injury to yourself or to others, or other damages.

NOTE
A note or word of advice.

2. FOR SAFE OPERATION

1. Do not use in dangerous environments. Never use it in damp, humid or wet locations (including outdoors), or near flammable substances.
2. Keep children and bystanders away from the unit.
3. Your solder feeder is an electrical tool used to apply the wire solder to the soldering iron tip. Do not use this for any other purpose.
4. Wear suitable apparel.
5. Connect to AC 100-240V 50/60Hz power supply.
6. Do not hold the power cord. If it is damaged, stop using immediately and turn off the power.
7. To guard from foreign objects, do not forget to attach the top cover on the feed mechanism before use.
8. Be careful when turning the feed time adjuster & the feed speed adjuster to prevent damage.
9. Make sure that the machine is grounded at all times to prevent electrical shocks.
10. Turn off the power when not in use.

3. SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FD-100TA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Consumption</td>
<td>8W</td>
</tr>
<tr>
<td>Power Cord Length</td>
<td>3-prong cord 1.2m</td>
</tr>
<tr>
<td>Applicable Soldering Ions</td>
<td>RX-802AS (RX-80GAS)</td>
</tr>
<tr>
<td>Applicable Solder Dia.</td>
<td>ø0.6-ø1.6 (LF solder applicable)</td>
</tr>
<tr>
<td>Solder Feed Time</td>
<td>0-5mm (fixed speed)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>820(W) × 140H(W) × 210(D)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.5kg (w/o solder)</td>
</tr>
</tbody>
</table>

5. SETTING (How to attach the FD-100TA)

5-1. Insert the FD-100TA receiving end (soldar separately) deep into FD-100 solder outlet. Tighten the tube-clip fixing-screw.

5-2. Take off the top cover. Adjust the pressure screw to fit the solder diameter.

5-3. Open the release lever (push it to right). Insert the solder through the FD-100TA receiving end. Continue feeding until the solder comes out the other end.

5-4. Adjust the solder pinching force. Lift up the hold lever. The solder will be pinched by the drive roller and the release lever.

5-5. Loosen the Fix nut (拧松) all the way to the left. Turn the roller adjuster until it just touches the slippers.

5-6. Hold the roller adjuster, and fix the position by tightening the Fix nut (Black). Then, put on the top cover.

4. PACKAGE CONTENTS / NAMES OF PARTS

Package contents: FD-100 Unit, Power Cord, Solder Reel Shaft, Operation Manual

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6. HOW TO USE

Push the solder feed switch of the FD-100TA and feed the solder. For each setting, see 5-6 below.

7. MAINTENANCE

Solder scraps may accumulate in and around the drive after long-term use. To avoid getting soldering scraps into the unit or other devices, remove it and clean with brush etc regularly.

NOTE
Feed speed depends on the solder diameter. Adjust the desired speed to each solder diameter.

WARNING
Make sure to turn off the power before maintenance.

NOTE
Check that the solder is fixed properly. If the solder is loose, the roller adjuster may have widened the gap between the rollers.

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KEEP THIS MANUAL FOR FUTURE REFERENCE

OPERATION MANUAL

Thank you for buying the goot Automatic Solder Feeder FD-100. Please read this Owner’s Operation Manual before using your solder feeder.

NOTE
This operation manual is for the solder feeder unit only. When connecting with soldering iron, please buy our FD-100TA (TUBE ASSY), and refer to the FD-100TA INSTRUCTIONS.

OPERATION PANEL

Adjuster for setting the solder feed speed. (6-22mm/sec)

Adjuster for setting the solder feed time. (0-5mm, fixed time)

Changer to select the operation mode.

■ AUTO/MANUAL Mode Changer
Change to select the operation mode.

■ FEED TIME Feed Time Adjuster (available on AUTO mode only)
Adjuster for setting the solder feed time. (0-5sec)

■ SPEED Feed Speed Adjuster
Adjuster for setting the solder feed speed. (6-22mm/sec)

■ POWER Main Power Switch
■ BACK Return Amount Adjuster
Setting for the returned solder amount after feed. (0-5mm, fixed time)

■ DELAY Feed Time Adjuster
After pushing the solder feed switch, the solder starts feeding after a set time. (0-5sec)
Purpose: Allowance for hand motion and overhaste of operator. (saves preheat time)