

USER MANUAL

TMT-ASTC100

AUTOMATIC SOLDER TIP CLEANER



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WARRANTY

All equipment and accessories are warranted by Thermaltronics to be free from defects in materials and workmanship as follows:

Part Number	Description	Warranty Period
TMT-ASTC100	Automatic Solder Tip Cleaner	1 Year

This warranty does not apply to equipment or goods which have been tampered with, misused, damaged through improper installation or used in a manner contrary to supplier instructions. Normal “wear and tear” of equipment or goods is not covered by this warranty. If the product should become defective within the warranty period, Thermaltronics will repair or replace it free of charge at its sole option. Warranty period is from the date of purchase by the original owner. If the date of purchase cannot be substantiated the date of manufacture will be used as the start of the warranty period.

WARNING:

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
Children should be supervised to ensure that they do not play with the appliance.

TMT-ASTC100 SPECIFICATIONS

Input Line Voltage:	100-240 VAC
Output Line Voltage:	9VDC, 1A
Brush Diameter:	25mm
Maximum Rated Motor Speed:	6000rpm
Size (W x H x D):	94mm x 124mm x 77mm
Weight:	0.9 KG
Certification Marks:	CE

INTRODUCTION

Congratulations on your purchase of the TMT-ASTC100 solder tip tester. This unit has been tested and inspected by Thermaltronics prior to shipment, and with proper maintenance will give you years of reliable performance.

SYSTEM FEATURES

The TMT-ASTC100 automatic solder tip cleaner helps clean badly oxidized tips.

- Two high quality brass brushes
- Light & compact, takes up minimal benchtop space
- ESD Safe enclosure



SAFETY PRECAUTIONS

Caution

Safety precautions must be followed to protect health and prevent electric shock, injury, fire or explosions.

Warning

1. For safe and successful operation of the unit, read these instructions completely. If the instructions are not observed, the manufacturer can assume no responsibility. Retain this manual for future reference.
2. Do not use the appliance for any purpose other than tip cleaning.
3. The AC Adapter power supply must be plugged into approved bases.
4. Do not leave the appliance unattended when it is running.
5. Avoid contact with moving parts.
6. Keep your workplace clean and tidy. Wear appropriate protection glasses and gloves when working to avoid harm.
7. Utmost care must be taken with liquid tin waste which can cause burns.
8. Be careful with the fumes produced when soldering.
9. Use only genuine replacement parts.
10. Always disconnect the power cord and allow the unit ample time to cooldown before performing maintenance.

UNPACKING/ASSEMBLY/OPERATION

Please read this manual and follow the directions before using the equipment.

The carton contains:

1. Instruction manual
2. TMT-ASTC100 Automatic Solder Tip Cleaner
3. ASTC-POWER-1 Power Adapter
4. Elastic Pulley Band (Spare Part)

Important: Keep all shipping materials until satisfactory operation has been verified.

Unpacking/Assembly

1. Remove the TMT-ASTC100 automatic solder tip cleaner from its box and place on a suitable work bench.
2. Remove the AF-POWER-1 AC Power Adapter from the box.
 - Connect the power adapter to the (5) AC Power Adapter Inlet on the back of the auto solder feeder.
 - Connect the power plug to the AC Power Outlet.
3. Switch the (2) Power Switch on the back of the unit to the "on" position. The auto feeder is now ready use.

UNPACKING/ASSEMBLY/OPERATION

Operation - Soldering Tip Cleaning

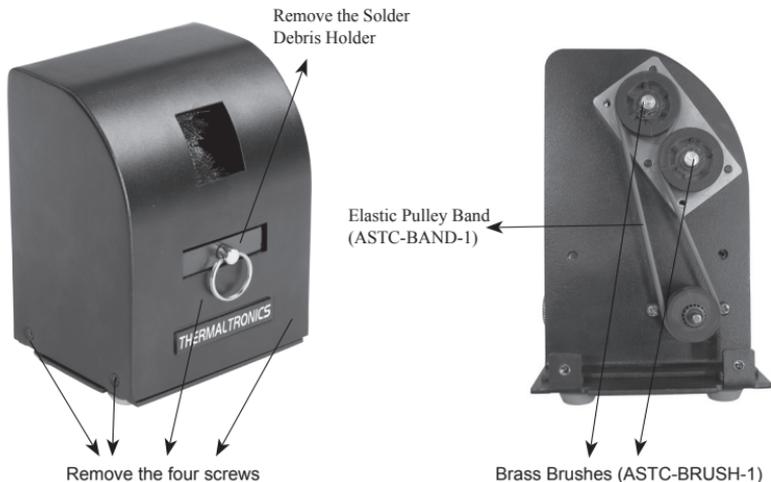
1. Turn on the TMT-ASTC100 automatic solder tip cleaner.
2. While the brushes (ASTC-BRUSH-1) are moving insert the solder tip at normal soldering temperature between the brushes for a few seconds.
3. Remove the solder tip from the cleaner, and check if it has been cleaned. Repeat step 1 and 2 until the tip is sufficiently cleaned of oxidation.
4. Turn off the tip cleaner unit after use.

Operation - Cleaning out Solder Debris (Simple)

1. Turn off the unit and disconnect the power cord and allow the unit ample time to cooldown before performing maintenance.
2. Remove the (5) Solder Debris Holder and clean out the solder debris.

Operation - Cleaning out Solder Debris (Intensive)

1. Turn off the unit and disconnect the power cord and allow the unit ample time to cooldown before performing maintenance.
2. Remove the (5) Solder Debris Holder.
3. Use a screwdriver to remove the four screws holding the enclosure cover together.
4. Clean the interior of the enclosure.
5. Reassemble the unit in the reverse order it was disassembled.



UNPACKING/ASSEMBLY/OPERATION

Operation - Replacing the Brushes

1. Turn off the unit and disconnect the power cord and allow the unit ample time to cooldown before performing maintenance.
2. Remove the (5) Solder Debris Holder.
3. Use a screwdriver to remove the four screws holding the enclosure cover together.
4. Remove the old brushes and replace with new brushes (ASTC-BRUSH-1)
5. Reassemble the unit in the reverse order it was disassembled.

Operation - Replacing the Pulley Elastic Band

1. Turn off the unit and disconnect the power cord and allow the unit ample time to cooldown before performing maintenance.
2. Remove the (5) Solder Debris Holder.
3. Use a screwdriver to remove the four screws holding the enclosure cover together.
4. Remove the old elastic band and replace with a new elastic band (ASTC-BAND-1)
5. Reassemble the unit in the reverse order it was disassembled.

ORDERING GUIDE

PART NUMBER	DESCRIPTION
TMT-ASTC100	Automatic Solder Tip Cleaner
ASTC-BAND-1	Pulley Elastic Band (5 PACK) for TMT-ASTC100
ASTC-BRUSH-1	Brass Brushes (1 Pair) for TMT-ASTC100
ASTC-POWER-1	AC Power Adapter (9V1A)



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