

USER MANUAL

DS-KIT Desolder Kit



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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
DS-GUN-1, DS-GUN-2, DS-GUN-3	Desolder Gun	1 Year
DS-HPC-1, DS-HPC-2, DS-HPC-3	Handpiece Cable	90 Days
DS-AH-1	Air Hose	90 Days
SHH-3	Workstand	90 Days

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.

This tool must be placed on its stand when not in use.

INTRODUCTION

Congratulations on your purchase of the Thermaltronics desoldering kit. The desolder gun uses shop air to create a powerful air vacuum to clean through-holes quickly and efficiently. Cleaning and maintenance is quick and easy with the use of replaceable filter wools and chamber liner.

Desolder Kit Includes:

	TMT-9000S	TMT-5000S	TMT-2000S
Desolder Gun Airhose	DS-AH-1	DS-AH-1	DS-AH-1
Filter Wool (6 pairs) & Chamber Liner (15 pcs)	DS-CP-1	DS-CP-1	DS-CP-1
Desolder Gun	DS-GUN-1	DS-GUN-2	DS-GUN-3
Desolder Gun Handpiece Cable	DS-HPC-1	DS-HPC-2	DS-HPC-3
Cleaning Toolkit	DS-TCT-1	DS-TCT-1	DS-TCT-1
Cartridge Removal Pad	RMP-1	RMP-1	RMP-1
Desolder Gun Workstand	SHH-3	SHH-3	SHH-3



Spare Parts for Purchase:

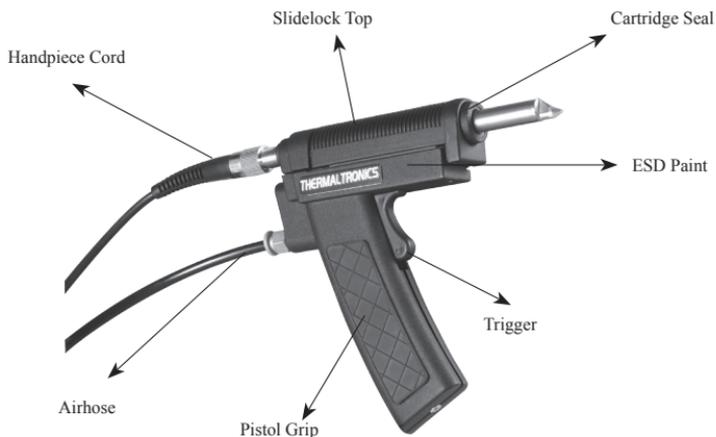
- DS-CL-1 Chamber Liners (40 pcs)
- DS-FW-1 Filter Wool (20 pairs)
- DS-VC-1 Venturi Cartridge
- DS-CS-1 Cartridge Seal (5 pack)



FEATURES

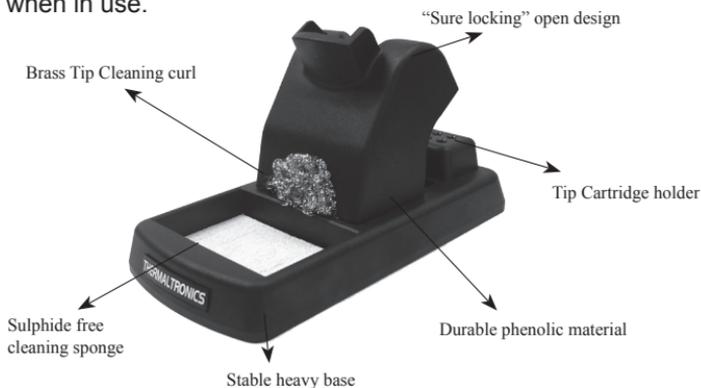
Desolder Gun:

The desolder gun is manufactured from the finest materials.



Workstand:

The workstand is manufactured from durable phenolic material; the unique sure lock iron holder has an open design that will keep the handpiece stable and cool when in use.



TIP SELECTION

Desolder Tips:

Desolder Tip Inner Diameter	TMT-9000S	TMT-5000S	TMT-2000S
0.80 mm (0.03")	MxxDT003	TxxDT003	KxxDT003
1.10 mm (0.04")	MxxDT004	TxxDT004	KxxDT004
1.35 mm (0.05")	MxxDT005	TxxDT005	KxxDT005
1.50 mm (0.06")	MxxDT006	TxxDT006	KxxDT006
2.40 mm (0.095")	MxxDT007	TxxDT007	KxxDT007

xx Denotes Temperature Series:

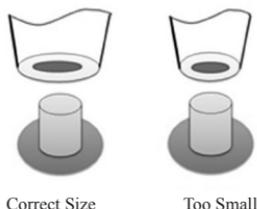
60 = Temperature Sensitive

75 = Standard Applications

80 = High Performance

Choosing the Correct Tip Geometry:

Select a tip with an inner diameter larger than the lead diameter.



Choosing the Correct Temperature Series:

For temperature sensitive applications please choose the 60 Series tips.

For standard applications the 75 series tips is sufficient.

For heavy loads or very thick multi-layer boards use the 80 series high performance tips.

UNPACKING/ASSEMBLY/OPERATION

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

The carton contains:

1. Instruction manual
2. Desolder Gun
3. Desolder Gun handpiece holder, including Brass curls and sponge
4. Tip removal pad

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

Assembly and Operation

1. Remove Desolder Gun from its packaging and place on a suitable work bench.
2. Attach the Desolder Gun handpiece cord onto the desolder gun.
3. Plug the other end of the handpiece cord into the System front connector.
4. Attach the airhose onto the desolder gun.
5. Attach the other end of the airhose to your air supply.

Note: For optimal performance set the air supply to 80 psi. Operating the desolder tool at over 100 psi can cause the airhose to rupture.

6. Plug desolder tip into handpiece. Notice the tailpipe must be oriented down.
7. Turn the system on, the desolder tip should reach curie point temperature quickly.
8. When not in use place the desolder gun into the workstand.

Temperature Calibration

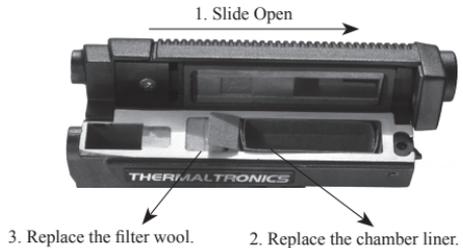
Thermaltronics “Curie Heat Technology” systems do not require temperature calibration. The technology is very precise and is self regulating. The alloy used in the construction of the tip cartridge will maintain the set temperature for its entire life.

MAINTENANCE

Note: For safety purposes maintenance must be done with the system powered off.

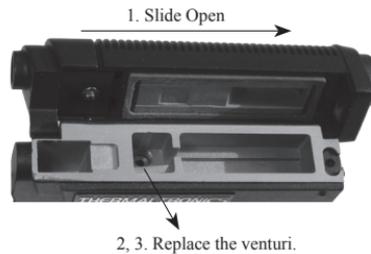
Cleaning Gun Chamber:

1. Open the gun chamber.
2. Replace the chamber liner.
3. Replace the filter wool.



Replacing the Venturi:

1. Open the gun chamber.
2. Remove the venturi
(Use a slot type screwdriver.)
3. Replace with a new venturi.



Replacing the Cartridge Seal:

1. Remove the desolder tip.
2. Pry out the cartridge seal gently.
3. Install a new cartridge seal.



ORDERING GUIDE

DS-KIT

Desolder Kit



PARTS FOR ORDER:

	TMT-9000S	TMT-5000S	TMT-2000S
Desolder Gun	DS-GUN-1	DS-GUN-2	DS-GUN-3
Handpiece Cable	DS-HPC-1	DS-HPC-2	DS-HPC-3

DS-AH-1	Desolder Gun Airhose
DS-CP-1	Filter Wool (6 pairs) & Chamber Liner (15 pcs)
DS-TCT-1	Cleaning Toolkit
RMP-1	Cartridge Removal Pad
SHH-3	Desolder Gun Workstand
DS-CL-1	Chamber Liners (40 pcs)
DS-FW-1	Filter Wool (20 pairs)
DS-VC-1	Venturi Cartridge
DS-CS-1	Cartridge Seal (5 Pack)