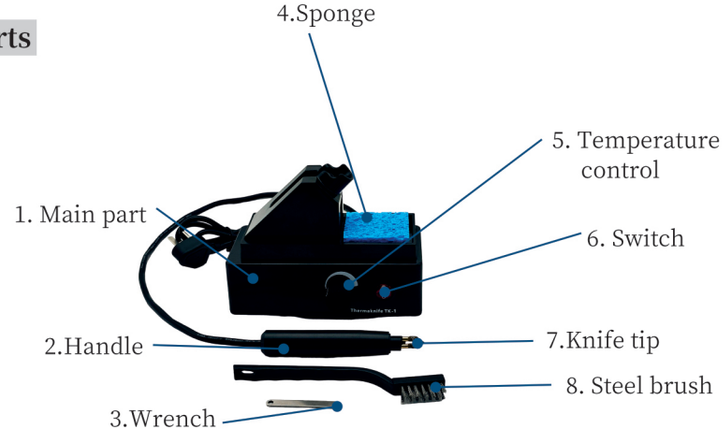
ThermaKnife User Manual



Preface

1.Thank you for purchasing our ThermaKnife.
2.Before using this product, please read the user manual and the correct maintenance methods carefully, and after reading, please keep this user manual in a safe place.
3.We reserve the right to change the design, the technique, accessories, the user manual and the product packaging contents at any time without notice.

Parts





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Components

The following parts should be included in a complete set of ThermaKnife:

Main part	1	Steel brush	1
Sponge	2	Knife tips (including spare)	2
Spare screws for knife tip	2	User manual	1
Spare nuts for knife tip	2	Wrench	1

Usage

The TK-1 ThermaKnife is used for cutting dental splints and other thermoplastic materials.

Technical specifications

Power input: ☐AC220V ☐AC110V ☐50Hz ☐60Hz
Model: Power: 20W
Handle dimensions: Φ22.5x140mm
Main part dimensions: 180x90x140mm
Electrical grade: class 1 Fuse: 250V1A
Net weight: 1.2kg
Service life: 12 years

Note

1.The electrical grade of this device is Class I. Please power the device with a power supply that has a grounding wire.
2.Do not touch the knife tip or the knife tip fixing column while the device is powered on, to prevent burns from high temperatures.
3.Please replace the device knife tip only when the device is powered off and the tip has cooled down. Do not perform this operation while the device is powered on to prevent burns from high temperatures.

4.When replacing device components, be sure to use parts provided or recommended by the manufacturer.
5.Please avoid using conductors to make direct contact between the two fixed columns to prevent circuit shorts and potential dangers.
6.The ThermaKnife operates in an intermittent mode.
7.When the device is not used for a long time, please be sure to unplug the power cord from the power outlet. Also, and do the same when cleaning and maintaining the device.
8.When the device is powered on but not cutting materials, the handle can be temporarily placed on the device body to prevent the hot tip from causing harm to people, the device or the surrounding environment, but it can not be placed for a long time to avoid causing burns for the device body.
9.When the device body is stained with dirt, please use a clean rag to clean it in time, if the dirt is serious, please use a neutral detergent to remove the dirt, and do not use organic solvents or volatile oils to wipe the surface of the device, so as not to cause the surface of the device to fade.
10.This device is for intermittent use, after continuous use for 10 minutes, the power must be turned off for at least 5 minutes.

Installation

1.Place the device on an indoor platform with a flat, strong surface.
2.Do not place the device near flammable materials, and please use the device in a cool, dry, and well-ventilated area.

Instruction for use

1.Turn on the red power switch on the right side of the device, when the red power switch lights up, it indicates that the power is on, and the device will begin to heat up.

3.Remove the handle from the body of the device, hold the handle, and place the tip on the area of the splints that needs to be cut to carry out the cutting.
4.After the cutting is completed, please promptly turn the temperature control counterclockwise to the minimum, place the handle on the device body, and turn off the power supply in time.

Cleaning and replacing the knife tip

During the process of cutting the sheets, there may be some material left on the knife tip. When cleaning the residue, please preheat the tip of the device for 10 seconds, then turn off the power, and immediately use a steel brush to clean the tip. Please make sure to turn off the power switch of the device when cleaning the tip.
When the device is not powered on, use a screwdriver to hold the knife fixing screws in place, then use the wrench that comes with the device to unscrew the two nuts that fix the tip counterclockwise, and remove the two fixing screws and the tip that needs to be replaced. Then, install the new tip and secure it onto the tip fixing frame with the two fixing nuts and screws.

Trouble shooting

In case any malfunction or problems happens, the following solutions could be adopted. If the problems still can not be solved, please contact the local dealer and send for repair.

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Problems	Causes	Solutions
No power when the power switch is turned on	Power plug is not well connected	Inspect and connect the power cord correctly
	The fuse is broken	Inspect and/or exchange the fuse.
The knife tip cannot cut materials.	Knife tip wear and deformation	Replace the knife tip
	Device failure	Send for repair
The power is turned on, but the knife tip does not heat up	The temperature control is not set correctly.	Turning the temperature control clockwise can increase the heat of the tip.
	Device failure	Send for repair

After-sales service

1. Damage to device parts caused by repairs performed by non-company designated professional technician is not covered by warranty.
2. Device damage caused by improper operation of the user; Device damage caused by not using original manufacturer parts; Device failures caused by not following the instructions or artificial damage are not covered by the warranty.

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