Disinfection

Use chlorine-free disinfectant to wipe and disinfect the heating needle. Cavicide disinfectant is recommended.

Drying

After cleaning and disinfection, please dry, it is recommen -ded to use compressed air to dry.

Sterilization

1. Sterilizable parts: Pen tips
2. Before sterilization, please use a sterilization bag that meets the requirements of national regulations for packaging.
3. sterilization method: high temperature steam sterilization
4. Sterilization conditions: 134ºC for not less than 5 minutes.

Warranty explanation

As a manufacturer, we will take responsibility of the defect product caused by the material and manufacturing process, only if it is still within the 1years warranty.
The warranty of the main unit of this equipment is for 12 months, battery for 6 months.
Any damage that caused by the unauthorized third party, we will not take any responsibility!

Operating environment and Storage, Transportation conditions

Operating environment

Ambient temperature:	+5ºC - +40ºC
Relative humidity:	20% - 80% RH
Air pressure:	86 kPa - 106 kPa

Transportation and storage conditions

Ambient temperature:	-10ºC - +55ºC
Relative humidity:	≤93% RH
Air pressure:	50 kPa - 106 kPa

Technical parameter

1. The size of handle: Length: 126mm Φ: 19mm
2. Power voltage: 230V/50Hz or 110V/60HZ
3. Input power: 5VA
4. Protection against electrical shock: Type B

Recycling and Disposal

Dispose of used equipment according to the regulations and standards of your country (region).
Ensure that all components do not become contaminated during disposal.

Symbols

Warning	Class II equipment(Adaptor)
Caution	Refer to instruction manual/booklet
Vertical up	Type B equipment
Fragile	Used indoor only
Keep dry!	Direct current
WEEE	CE marked product
SN Serial number	EU REP European Union agent
Manufacturer	MD Medical device

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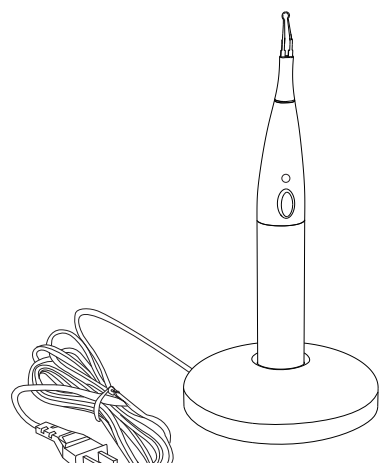
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Gutta Cuts

USERS GUIDE

C-BLADE



CE

Safety caution

Warning: please read the instruction manual thoroughly before using this equipment, this will guide you to operate it properly.

1. Please read the manual carefully before using this equipment.
2. Please use the device according to the intended use. The manufacturer will not bear any responsibility if the user does not operate according to the instructions or use the device for other purposes.
3. When using an external power supply, please make sure that the voltage is within the voltage range indicated on the device to avoid injury to the operator or the patient.
4. Do not touch the patient's lips, gums or mucous membranes with soft tissues to avoid scalding to the operator or the patient. The device must be used outside the patient's mouth.
5. Do not touch the heated heating needle with flammable gas or liquid, otherwise it may cause fire hazard.
6. This equipment cannot be used in the environment with flammable gas.
7. Do not immerse the device in liquid.
8. If there is any liquid leakage from the equipment, stop using it immediately and contact the manufacturer and authorized dealer for disposal.
9. Heart disease, pregnant woman and children should be used with caution.
10. This equipment is only for the perfessional.

Standard configuration

Gutta cutter handle	1
Charger base	1
Pen tips (4 pcs)	1

Intended Use

This product is only available to the well-trained dentist and dental laboraory which is for surgery of filling root canal, used for cutting the extra gutta percha.

Contraindications

Persons implanted with a pacemaker or other system are prohibited!

Instructions

Please check if the voltage of the power source match to the equipment before charging.

Charge

1. First, please connect the charger to the power source.
2. Put the unit into the charge base, when the unit is inside the charge slot, the light indicator on the handle will turn on.

Description of battery

1. Before using the device for the first time, make sure it is fully charged.
2. Do not charge the battery after it is exhausted.
3. In order to fully charge the device, the charging time should be more than 12 hours.

Operation during the work

1. The pen tip on the unit, the curved part from the top is o pposite to the button, which makes work easier.
2. The pen tips should be installed onto the handle under the cooled state(and the button should not be operated during the installation), use the curved part from the tip to cut the gutta percha.
3. Please make sure the pen tip is well installed before operating. Cleaning: The tip is easy to be cleaned after a few second heat.

4. When the gutta percha is cut, release the button, wait for the tip to cool down before taking it out from the patient. The operation button is “contact button”, the unit will stop working after releasing the button.

Safety Precautions

1. When the pen tip is still on the unit, please do not bent it.
2. If the force is too strong during the treatment, it would be bad for the service life of the pen tip.
3. Electromagnetic should be avoided
4. Please do not modify the unit at any way.

Routine maintenance

1. Fever needles must be cleaned, disinfected, and sterilized before and after each patient's use.
2. If the heating needle does not generate heat, immediately stop operation and check whether the heating tip on the heating needle is defective. If there is a defect, please replace it with a new heating needle in time.
3. If the charging indicator does not light up during the charging process, check whether the charging stand is connected to a power source.
4. Fever needle can be sterilized 25 times at high temperature and autoclave, each time sterilizing at 134ºC for not less than 5 minutes.

Cleaning, disinfection and sterilization

Cleaning

1. Use a cotton swab to remove the remaining tooth gel from the heating needle.
2. Immerse with enzyme cleaner for 5 minutes after rinsing.
3. Rinse with soft water after soaking, then wipe it with a soft cloth with water absorption to remove any liquid residue.