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- The tip heats up in seconds and the gutta-percha point can be quickly and cleanly removed.
- After the point has been cut off, release the operating button. The cutting tip immediately cools down and can be removed from the patient's mouth. The operating button is a "contact button" which only switches the button is released, the instrument switches off.
- Remove the cutting tip from the handpiece after use.

Important: Please don't continue to press the button more than 30 seconds.

Cleaning and sterilization

Before used in every patient, the cutting tips must be cleaned and sterilized.

Any residues of gutta-percha which still remain on the instrument tip can be removed by carefully wiping it on a pellet of cotton wool.

When used properly, the cutting tips can be autoclaved no more than 25 times. The sterilization time depends on the sterilization temperature (at 121°C, at least 20 minutes and at 132°C/134°C at least 5 minutes).

Troubleshooting

If the cutting tip does not heat up immediately after the operating button is pressed, check the electrical contacts on the cutting tip. If these are defective, change the cutting tip for a new one. If the LED on the handpiece fails to light up during charging, check whether the charging station is connected to the mains or check the mains supply itself.

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C-BLADE

gutta cutter ***user's guide***

This cordless device with interchangeable inserts is intended for fast, precise and safe cutting of excess gutta-percha points. The handpiece can be used for up to about 80 applications without re-inserting it into the charging station and thus is always readily available for use.

Standard configuration

- A handle (rechargeable Ni-MH battery)
- A socket charging cradle (110 or 230 V versions)
- 4 cutting tips

Technical parameters

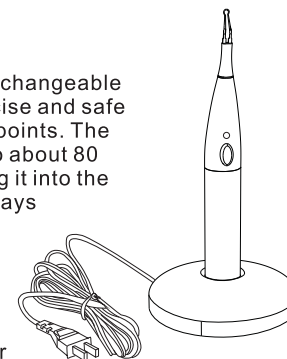
- Dimensions of handpiece:
Length: 12.6cm (without cutting tip), Φ : 1.9cm
- Mains voltage: 230V/50Hz; 110V/60Hz

Indication for use

This instrument is intended for hot removal of gutta-percha points.

Warning instructions

- This device must be used in strict accordance with the instructions contained in this user's guide. The manufacturer



will not take any responsibility for damage caused by improper use.

2. When using an external power supply, make sure that the voltage of the power to adapt to the voltage range marked. Improper voltage would damage the device and cause the danger to the patient and/or the operator.
3. In order to avoid risk of injury, do not let the tip come into contact with the lips, gums or mucous of the mouth of the patient. Always use rubber dam!
4. Risk of fire: do not allow the heated tip or the handpiece to come into contact with combustible gases or liquids.
5. The instrument is not suitable for use in an environment containing flammable gases.
6. Do not immerse the handpiece and the charging station in liquid.
7. Please note that the cutting tips to be changed during a treatment may still be hot.
8. If any liquid leaks out of the unit (possibly from the battery), stop work immediately and send the device to an authorised service centre for a change of battery. It is dangerous to use the device when the battery is leaking.
9. It is dangerous to open the device for a change of battery. If you open the device, the guarantee will be voided.
10. This instrument is only limited to professionals.

Precautions

1. Never bend the tip while it is still in the handpiece.
2. Using excessive force during treatment will have an adverse effect on the service life of the cutting tips.

Instructions for use

Preparations

1. Please check before use that the mains voltage is the same as the voltage specified for the instrument.

Charging

1. First, charge the instrument by connecting the charging station to a mains power socket.
2. Plug the handpiece into the socket in the charging station. While the instrument is charging, the LED lights up on the handpiece.

Instructions for use with Ni-MH battery

Before using the instrument for the first time, make sure that it is fully charged. This process takes 12 hours.

Always fully discharge the Ni-MH battery before completely recharging it. This ensures an optimal life-span of your device. Depending on the frequency of use, the product's life-span amounts to about 2 years.

Avoid charging the battery longer than necessary for reaching full charging status. Never charge longer than 12 hours on end.

Use

1. Fit a cutting tip onto the handpiece. Make sure that the angle of the tip is pointing in the opposite direction to the operating button. This makes work easier.

Important: Never bend the tip while it is still in the handpiece.

2. Insert the cutting tip into the cavity while it is cold (without pressing the operating button). The gutta-percha point to be cut off must be encircled by the loop of the cutting tip.

3. As soon as the cutting tip is located directly on the canal access, press the operating button.