
BATTERY POWERED CAUTERY

This cautery consists of three components. A reusable handle equipped with an on/off switch, a single use sterile cautery tip and a sterile plastic sleeve to cover the reusable non-sterile handle when used in a sterile field. The cautery tip and plastic sleeve are packaged together and are to be opened just prior to use.

The reusable handle is powered by "AA" batteries. Replacement batteries should only be purchased from your distributor (from whom you purchase your cautery tips). Batteries from other sources may cause the cautery tip/unit to fail or perform poorly. The batteries supplied by your distributor will be rechargeable alkaline which are the most economical batteries for the purpose. Failure due to battery exhaustion will not be sudden but gradual as the batteries lose strength with cumulative use. A handle with freshly recharged batteries will yield approximately 15 minutes of continuous use. Intermittent use such as seen in practice will result in extended life.

Instructions for Use

- 1) Ensure the reusable handle contains batteries and if new/freshly charged batteries were needed, as noted during previous use, confirm that they are installed. The handle may be tested by inserting a spare tip and activating the on switch. Heat may be judged observing the colour of the cautery tip filament.
- 2) Open the sterile package containing the sleeve and tip.
- 3) Hold the sleeve with the opening upright. Insert the handle into the sleeve with the front oriented to the bottom of the sleeve. Seal the sleeve closure - During this procedure caution should be exercised to maintain the sterility of the outside of the sleeve.
- 4) The single use sterile cautery tip is now inserted into the front of the handle piercing the sleeve and pushed tightly, trapping the sleeve between the tip and the handle. **Caution:** Be careful not to accidentally depress the activation button while loading the tip as a severe burn could result.
- 5) The cautery is now ready for use and is activated by depressing the button switch near the front of the handle.
- 6) After use remove the used cautery tip and sleeve and dispose of them, replace batteries if needed (or recharge). Store the reusable handle for future use. The Rechargeable Alkaline Batteries recommended for use with the cautery device have extended shelf life and will not lose significant capacity even if stored for several months. **Caution:** The handle should never be stored with a cautery tip in place as accidental depression of the activation switch could create a burning or fire hazard.
- 7) Periodically the plastic particles created by the tip electrodes puncturing the plastic sleeve must be cleaned from the electrode tubes at the front of the handle. This can be accomplished by removing the batteries and inserting a stiff wire or rod (eg. a paper clip) down and through the electrode. Failure to periodically clean out these electrodes will cause handle failure.

Safety:

The cautery operates by heating the cautery tip with low voltage electrical current supplied by the batteries. Use care when loading the tip to avoid inadvertently depressing the activation switch and creating a burning hazard. The handles should never be stored with a cautery tip in place as accidental activation during storage could result in a fire hazard. At the end of their useful life batteries should be removed from the handle and disposed of separately.

PRODUCTS

- 9670 *Cautery Handle(High Temp)*
 - 9671 *Cautery Handle(Medium Temp)*
 - 9672 *Cautery Handle (Low Temp)*
 - 9675 *Cautery Tip (Short)*
 - 9676 *Cautery Tip (Medium)*
 - 9677 *Cautery Tip (Long)*
 - 9678 *Heavy Duty Cautery Tip (Long)*
 - 9679 *Heavy Duty Cautery Tip (Medium)*
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