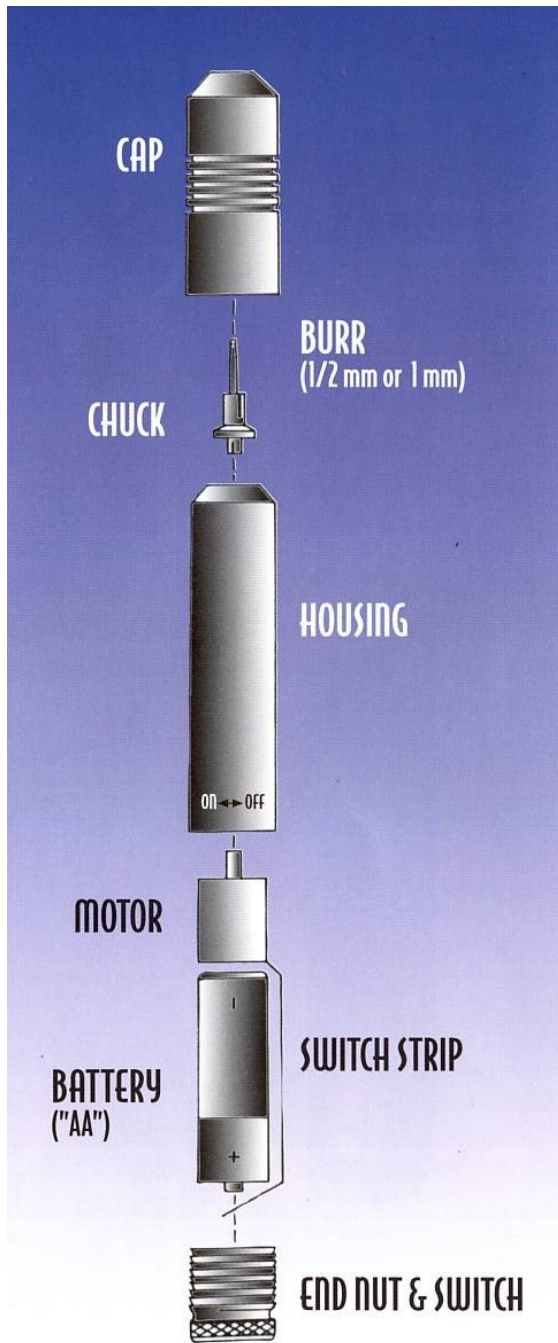


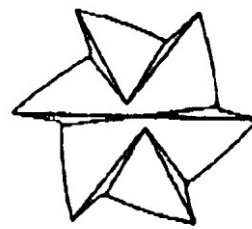
Algerbrush Rust Ring Remover Burrs.



All
Alger-
brush
Burrs
are

marked.
See
product
labelling.

Altomed Sterile Algerbrush Bu



Algerbrush Rust Ring Remover

During metal working procedures such as welding, sanding or grinding, it is possible that a welding spark / piece of metal can be ejected from the machine into the patient's cornea. If this occurs it is essential that all traces of the foreign body and resulting rust are removed. The Algerbrush has been specially designed to remove rust spots from a patient's cornea.

Special features of the Algerbrush:

- ✓ Motor will stop rotating if too much pressure is applied
- ✓ The gentle slow rotation rate will not harm corneal tissue
- ✓ The high quality, cold-chisel-edges of the carbide steel on the Algerbrush Burrs provide a good clean surgical area and help to speed up the healing process.
- ✓ Operates with a normal AA battery and low amperage motor means longer battery life
- ✓ Repairable

Codes:

Manufactured by Alger - Reusable

A4955 Algerbrush Rust Ring Remover Machine
A4958 Replacement Chuck

Manufactured by Altomed – Single Use

A4959 0.5mm Sterile Algerbrush Burrs - Pack of 5
A4960 0.5mm Sterile Algerbrush Burrs - Pack of 25
A4961 1.0mm Sterile Algerbrush Burrs - Pack of 5
A4962 1.0mm Sterile Algerbrush Burrs - Pack of 25



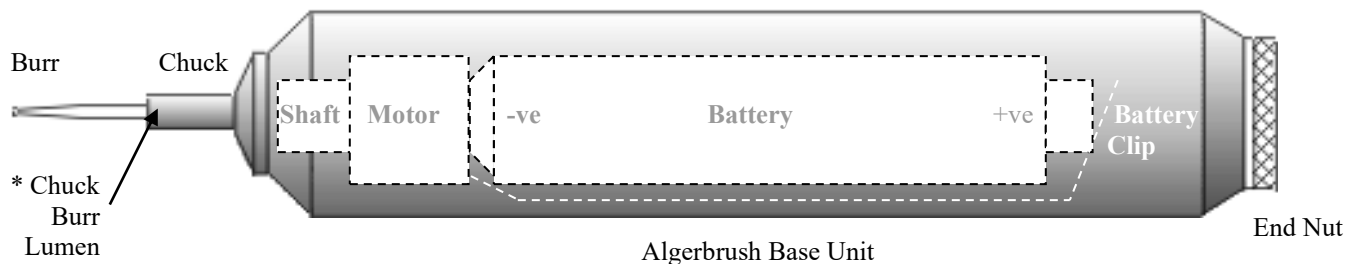
Any queries please contact Customer Services at:
Altomed Limited, 2 Witney Way, Boldon Business Park,
Tyne/Wear, NE35 9PE, England.
Tel: 0191 519 0111 Fax: 0191 519 0283
E-mail: admin@altomed.com

*Altomed also offer a repair service for broken
Algerbrush Rust Ring Removers*

Important Cautions:



- **FOR USE ON ALGERBRUSH RUST RING REMOVER MACHINES ALTOMED REF: A4955 ONLY!**
- For sterile devices, always check the package before use to make sure the **Use By Date** has not been passed. Non-sterile devices should be washed and sterilised before use by following the instructions on the packaging. Sterile product is ready to use.
- Check the Peel Pouch to make sure it has not been damaged in anyway, e.g. check for wet patches, splits and tears etc. If the Peel Pouch is damaged do not use the Burr.
- All Burrs are inspected before supply however it is recommended to inspect the Burr before use to ensure no physical damage has occurred after packing e.g. check for chips, loose metal fragments, staining and any other damage to the tip etc.
- Whenever handling the Burr (including installation and dismantling) use hospital approved (PPE) gloves and glasses as necessary to prevent cross contamination or unwanted debris coming into contact with your eyes. These are delicate medical devices and must be handled with care, do not drop or bang against hard surfaces as this may damage the tip.
- Follow carefully the instructions for use supplied with your Algerbrush Machine. If you have lost the instructions for use, please contact Altomed for a replacement. Select either the 0.5mm or 1.0mm burr depending upon the size of the rust ring.
- Only suitably qualified personnel who have been trained on the Algerbrush Machine should use these devices. Examination by slit lamp should confirm that the corneal foreign body is superficial with no sign of penetration. If penetration is suspected, appropriate investigation and treatment should be instigated. Advance the drill obliquely to the anaesthetized eye so that the side of the burr works on the cornea until all the rust stain has been removed. If the rust ring does not come off easily, use an antibiotic ointment (if deemed appropriate) and let the epithelium heal over. After three days, the cornea will soften then try again. Advise patient that they will have a new abrasion which may cause soreness and they will need to restart the topical antibiotic. If the injury is in the pupillary aperture, it may produce glare or a slight decrease in vision. Care should be taken with deep centrally placed rust rings in line with the visual axis. In these cases, over-zealous debridement which breaches the subepithelial Bowman's layer can lead to permanent scarring and visual loss.
- The Burrs may contain nickel at around 0.2%.
- Dispose of the used Burr immediately after use by following Hospital procedures for disposal of sharp and contaminated medical devices. It is not recommended to reprocess these devices due to their size and delicate nature and also risks of cross contamination and physical damage to the device causing patient harm.
- The Chuck and Burr are held on by friction, if too much pressure is applied the Burr will stop rotating.



Removal and Installation of Burrs:

To remove:

1. Remove the Chuck and Burr from the Base Unit – Grasp the base of the Chuck with your fingers and pull it away from the motor shaft on the Base Unit. If the Chuck cannot be pulled off by hand, slip a small flat bladed spatula between the base of the Chuck and the top of the housing and very GENTLY twist in order to pry off the Chuck.
2. Remove the Burr - Hold the base of the Chuck, pull Burr straight out of lumen. If stuck, use a pair of old Artery Forceps (or similar) and, grasp the shaft of the Burr, pull straight out from the lumen.

To install:

1. Ensure any old Burrs have been removed and that the Chuck is separated from the Base Unit.
2. Remove the Sterile Burr from its packing and push new Burr into the Chucks lumen.
3. Ensure the Burr is snug in the bottom of the lumen – if necessary use a pair of Artery Forceps or similar. (See also #)
4. Switch on the machine and then gently push the new Burr and Chuck assembly onto the motor shaft. The shaft will stop rotating when pressure is applied. You should feel some resistance, if not see # below.
5. The lip of the Chuck should be close to, but not touching the Base Unit.
6. Ensure that the Chuck is secure, rotates freely and is on straight, i.e. not out of alignment. Switch off the machine when not in use.

#On-site Repairs:

1. If the Burr and/or Chuck are too loose, tighten the Chuck with a small pair of stainless steel pliers as follows:
 - If **Burr is loose**: Gently pinch base of Chuck Burr* Lumen (see Fig. 1)
 - If **Chuck is loose** on the Motor Shaft, gently pinch the other side of the Chuck; the Motor Shaft Lumen (see Fig 2).
2. Return any faulty Algerbrush Machines to Altomed for repair.

Fig. 1.



Fig. 2.

