

# AMOILS

AMOILS EPITHELIAL SCRUBBER

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**EC REP**

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**CE** 0120 **STERILE** **EO** 

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**If sterile seal is broken, DISCARD**  
**CAUTION: Do not autoclave tip or handle**

Manufactured in CANADA

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## INNOVATIVE

### EXCIMER SOLUTIONS

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**CE** 0120



**PRODUCT:** Amoils Epithelial Scrubber \*\*

**USE:** Removal of the corneal epithelium prior to CXL, ASA, PRK.

## Steps for use of the AMOILS Epithelial Scrubber

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1. Place topical anesthetic on the eye (0.5% Proparacaine).
2. Centre the TREATMENT EYE under the microscope asking the patient to fixate on a target with the non-treatment eye.
3. Using a gloved hand, unwrap the inner pack containing the Amoils Epithelial Scrubber and mount it on the neck of the Power Handle.
4. SET THE **MICROSCOPE AT LOW** (10x) MAGNIFICATION.
5. Insert a lid Speculum.
6. Check that the patient is maintaining fixation and that the treatment eye pupil is centered under the microscope.
7. Mark the area of epithelium to be removed with a corneal marker.
8. **PLACE A FEW DROPS OF CHILLED B.S.S. (Balanced Salt Solution) ON THE INVERTED SCRUBBER TIP.**
9. Place a few drops of chilled BSS on the patient's Cornea.
10. Turn on the device and bring the Amoils Epithelial Scrubber gently in contact with the patient's Corneal Epithelium using a circular motion while applying the brush to the eye.
11. Within a few seconds the Epithelium will be removed in a specific zone centered around the pupil. Note that the edges of the zone are much smoother than with manual removal methods.

## The Amoils Epithelial Scrubber system consists of:

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- A reusable, rechargeable scrubber handle
- A recharger for the device
- A single use tip for attachment to the handle

## Tips on using the AMOILS Epithelial Scrubber

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1. Use a gently circular motion while applying the brush to the eye. This will prevent a central area of residual epithelial tissue and can be used to control or enlarge the zone of epithelial removal.
2. Always wet the Cornea and brush tip with B.S.S. solution prior to use. Invert the brush and place a few drops of B.S.S. on the concave tip.
3. Turn the brush on before placing it on the eye. It is often useful to tell the patient that this is the sound of the brush as it creates a smooth surface for the laser to work.
4. Turn the magnification in the microscope as low as possible while using this device.
5. Flood the Cornea with Chilled B.S.S. (5°-7°C) immediately after laser to equilibrate the corneal temperature (7-10 sec.).

## Care instructions for the power handle

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The power handle for your AMOILS Epithelial Scrubber should be charged for 24 hours before its first use. Thereafter, recharge the unit overnight as required. Only charge as needed - unplug after charging. Constant charging may shorten battery life.

## Risks on the re-use of single-use devices

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The AMOILS Epithelial Scrubber is a single-use device and should only be used by trained and licensed practitioner. Possible risks of re-using the device include (but are not limited to) infection and microbial contamination.

\* USA Patent # 5649943

\*\* Caution: Federal Law restricts this device to sale by or on the order of a physician