



## KERATOPLASTY & CORNEA

### Suction Trepine

The Nanoedge suction trephine is designed to take out a circular corneal button of predetermined diameter from the recipient cornea in a corneal transplant (Keratoplasty) procedure. The cutting action of the circular blade is assisted by a manual suction mechanism, which holds the recipient cornea firmly while the cutting is being performed.



| Product Code | Description      | Qty. per box (Sterile) |
|--------------|------------------|------------------------|
| MIPL/C2/7.00 | 7.00 mm Diameter | 1 pc.                  |
| MIPL/C2/7.25 | 7.25 mm Diameter | 1 pc.                  |
| MIPL/C2/7.50 | 7.50 mm Diameter | 1 pc.                  |
| MIPL/C2/7.75 | 7.75 mm Diameter | 1 pc.                  |
| MIPL/C2/8.00 | 8.00 mm Diameter | 1 pc.                  |
| MIPL/C2/8.25 | 8.25 mm Diameter | 1 pc.                  |
| MIPL/C2/8.50 | 8.50 mm Diameter | 1 pc.                  |
| MIPL/C2/8.75 | 8.75 mm Diameter | 1 pc.                  |
| MIPL/C2/9.00 | 9.00 mm Diameter | 1 pc.                  |

- A 360° suction cavity creates a vacuum to hold the trephine securely on to the surface of the cornea
- A precisely calibrated rotating mechanism allows the surgeon to advance the blade depth 0.25mm with each 360° rotation
- 1 Quarter turn = 0.063mm (63 microns)
- Ultra sharp blade minimizes damage to the endothelial cells and reduces undercut
- Marker pin on the non-reflective trephine base allows the user to calculate the quarter and full turns through which the blade has progressed
- Designed to give a consistently accurate, uniform and perpendicular cut
- EO Sterile
- CE certified

### Fixed Depth Trephine

Nanoedge "Fixed Depth Trephine" are ready-to-use circular blades designed for accurate fixed depth cutting of corneal donor buttons or the recipient eye during corneal transplant surgery.



| Product Code | Description      | Qty. per box (Sterile) |
|--------------|------------------|------------------------|
| MIPL/C6/3.00 | 3.00 mm Diameter | 1 pc.                  |
| MIPL/C6/5.00 | 5.00 mm Diameter | 1 pc.                  |
| MIPL/C6/7.00 | 7.00 mm Diameter | 1 pc.                  |
| MIPL/C6/7.50 | 7.50 mm Diameter | 1 pc.                  |
| MIPL/C6/8.00 | 8.00 mm Diameter | 1 pc.                  |
| MIPL/C6/8.50 | 8.50 mm Diameter | 1 pc.                  |
| MIPL/C6/9.00 | 9.00 mm Diameter | 1 pc.                  |

- An ultrasharp thin profile cutting edge minimizes damage to the endothelial cells
- Designed for a precise and symmetrical cut of the corneal tissue
- See through design helps in accurate positioning
- Can be used with or without an endothelial punch
- Innovative protective packaging to ensure safety of the cutting edge
- EO Sterile

Each size is available in 150 µm, 200 µm, 250 µm & 300 µm blade height



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