

CORONET

Recipient Vacuum Trepine Specification Sheet



Product Overview

The CORONET® Recipient Vacuum Trepine has been specifically designed to deliver a reliable and consistent vertical incision, giving improved wound architecture and reduced endothelial cell loss.

The trephine features exclusive CORONET® *Cathedral* Blade Technology, creating an ultra-thin and sharp blade, to minimise undercut and tissue distortion. *Blade progression 0.063mm downward per quarter turn and 0.252mm per full rotation.

- Developed specifically for Full Penetrating Keratoplasty surgery (PK)
- Precise, ultra sharp, thin profile blade provides a vertical incision, reducing undercut and tissue distortion
- Vacuum function holds trephine securely in place
- Graticule pinpoint cross hair allows accurate positioning
- Ergonomic finger grips work in harmony with natural hand position
- All metal constructed blade with non-glare finish
- Marker pin feature to enable tracking of blade progression
- Double sided *Cathedral* blade to ensure a reliable and consistent vertical incision
- Supplied sterile, single use only, one per box, declared 5-year shelf life
- Manufactured in the UK

CORONET

Recipient Vacuum Trephine Specification Sheet

Recipient Vacuum Trephine Size Options

Trephine Size (mm)

Product Code

6.50	51-840-6.50
6.75	51-840-6.75
7.00	51-840-7.00
7.25	51-840-7.25
7.50	51-840-7.50
7.75	51-840-7.75
8.00	51-840-8.00
8.25	51-840-8.25
8.50	51-840-8.50
8.75	51-840-8.75
9.00	51-840-9.00
9.50	51-840-9.50

CORONET

Recipient Vacuum Trehine Specification Sheet

Material Specification

Product Component

Specification

Trehine Blade and cross hair	Stainless Steel (Blade Depth 1.15mm)
Trehine Body and finger plates	Aluminium
Black Capstan	ABS
Tubing	Medical Grade Silicone
Syringe	Luer-Lok (5ml capacity)
Blister Packaging	PETG Blister/ TYVEK Lid
Outer Box/Carton	500 Micron Printed White Boxboard

Intended Use

The CORONET® Recipient Vacuum Trehine is designed specifically for performing a full Penetrating Keratoplasty (PK) on the recipient eye, during corneal graft surgery.

Instructions for Use

The instructions for use and suggested surgical technique are supplied in the form of a multi-lingual leaflet with instructions given in diagram form where appropriate. The international symbols used on the packaging are explained in each language. A leaflet is supplied with each product

Sterilisation

Products are sterilised by Ethylene Oxide (EO) according to a validated cycle and the requirements of BS EN ISO 11135-1 (current).

Conformity to the European Directives

The CORONET® Recipient Vacuum Trehine is classified as a surgically invasive device intended for transient use, (Rule 6, Annex IX 93/42/EEC Medical Devices Directive, as amended by 2007/47/EEC) and is therefore classified as a Class IIa device.