

CORONET

Donor Trephine Punch Specification Sheet



Product Overview

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

The free rotating trephine features exclusive CORONET® *Cathedral* Blade Technology, creating an ultra-thin and sharp blade which minimises undercut and tissue distortion

- Complete donor graft preparation system suitable for PK, DALK and DSAEK/DSEK surgery
- Sharp, clean cutting action requires minimal downward pressure to complete the cut
- Ultra-sharp and thin blade produces a vertical cut that improves approximation between the donor button and patient cornea
- Patent protected 360° graft visualisation windows, for increased accuracy
- Double sided *Cathedral* blade will not retain graft button once cut
- Anatomically shaped bowl to gently support the tissue and aid centralisation
- Marker holes to reduce risk of bubble formation
- Unique base provides a stable platform which can be easily held in place during donor preparation
- Non-glare all metal construction blade
- Supplied with protective dust cover, to shield graft from contamination during transfer from donor to patient
- Supplied sterile, single use only, one per box, declared 5-year shelf life
- Available with or without vacuum
- Manufactured in the UK

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Donor Trephine Size Options

Trephine Size (mm)	51-835	51-850
6.00	51-835-6.00	51-850-6.00
6.25	51-835-6.25	51-850-6.25
6.50	51-835-6.50	51-850-6.50
6.75	51-835-6.75	51-850-6.75
7.00	51-835-7.00	51-850-7.00
7.25	51-835-7.25	51-850-7.25
7.50	51-835-7.50	51-850-7.50
7.75	51-835-7.75	51-850-7.75
8.00	51-835-8.00	51-850-8.00
8.25	51-835-8.25	51-850-8.25
8.50	51-835-8.50	51-850-8.50
8.75	51-835-8.75	51-850-8.75
9.00	51-835-9.00	51-850-9.00
9.25	51-835-9.25	51-850-9.25
9.50	51-835-9.50	51-850-9.50
9.75	51-835-9.75	51-850-9.75

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Material Specification

Product Component	Specification
Trephine Blade	Stainless Steel
Trephine Body	Aluminium
Punch Base	Polycarbonate
Syringe with luer	Polycarbonate, Luer-Lok (5ml capacity)
Blister Packaging	0.5mm PETG Blister/ TYVEK Lid (122mm x 188mm)
Outer Box/Carton	500 Micron Printed White Boxboard

Intended Use

The CORONET® Donor Trephine punch is designed specifically for preparing donor graft tissue. Each Trephine is designated for 'SINGLE USE ONLY' and should not be re-sterilised by any method or re-used.

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

All CORONET® Corneal Trephines are 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.