



Barron[®] CORNEAL
DEVICES

Cornea Transplant Products

OPHTHALMOLOGY

 **corzamedical**



Barron[®] CORNEAL DEVICES

Barron Precision Instruments, originally known as Precision Instruments, has accumulated over 70 years of expertise in the production of disposable medical devices from its base in Grand Blanc, Michigan.

Today, Barron Corneal Devices are recognised as the premium quality benchmark for corneal transplant devices. Barron products are available globally from Corza Medical, alongside other premium ophthalmic brands such as Katena, SensorTek, EagleVision and Blink. We provide our customers with the solutions to enable them to provide unparalleled care for their patients.

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Barron Donor Cornea Punch®

(with and without vacuum)

Barron has been a trusted name in ophthalmology for decades, known for pioneering innovations and setting industry standards. Our Barron Donor Corneal Devices are engineered for precision, providing the cleanest cuts with minimal peripheral cell death. The original non-vacuum donor punch is available for surgeons who do not use vacuum for tissue fixation. It encompasses all the features of the vacuum punch, without the vacuum tissue fixation.

Blade design

- Seamless edge crafted from a solid rod of stainless steel to reduce the chance of surgically induced astigmatism
- New micro-honed blade for superior cut quality and reduced cell death at the cut margin

Tissue visualisation

- Features an “open top” design
 - Improves tissue visualisation prior to cutting
 - Decreases the risk of blade damage, reduces double cuts, and aids in precise alignment

Size confirmation

- Marked with the diameter of the blade on the top and sides of the punch

Vacuum seating (Vacuum Donor Punches only)

- Immobilises tissue for a more perpendicular cut

Punch supplied

- Sterile; single-use disposable
 - Packaged fully assembled and ready for use
 - Gentian violet marking pen at no additional cost

Optimal intended use

- Surgeon self-preparation of donor corneal tissue
- Eye Bank preparation of donor corneal tissue



Vacuum Punches

K20-2100	6.00mm	K20-2108	8.00mm
K20-2102	6.50mm	K20-2109	8.25mm
K20-2103	6.75mm	K20-2110	8.50mm
K20-2104	7.00mm	K20-2111	8.75mm
K20-2105	7.25mm	K20-2112	9.00mm
K20-2106	7.50mm	K20-2113	9.25mm
K20-2107	7.75mm	K20-2114	9.50mm

Non-vacuum Punches

K20-2070	6.00mm	K20-2078	8.00mm
K20-2072	6.50mm	K20-2079	8.25mm
K20-2073	6.75mm	K20-2080	8.50mm
K20-2074	7.00mm	K20-2081	8.75mm
K20-2075	7.25mm	K20-2082	9.00mm
K20-2076	7.50mm	K20-2083	9.25mm
K20-2077	7.75mm	K20-2084	9.50mm

Barron Radial Vacuum Trephine®

The Barron Radial Vacuum Trephine® is used for cutting the transplant recipient's cornea tissue. Recognised as the global standard in recipient trephines, the Barron Radial Vacuum Trephine® may be paired with the Barron Vacuum Donor Punch® for consistency of sizing and quality of cut.

Blade design

- Seamless edge crafted from a solid rod of stainless steel to reduce the chance of surgically induced astigmatism
- New micro-honed blade for superior cut quality and reduced cell death at the cut margin

Vacuum chamber

- 360° suction chamber
 - 16 radial, symmetric divisions
 - Reduces cornea aspiration and graft distortion

Marking and visual alignment

- 16 radial indentations symmetrically mark the recipient bed for accurate alignment of sutures
 - Helps avoid surgically induced astigmatism
 - Divisions may be inked with a sterile marking pen to be clearly visible
 - Eliminates the need to purchase a second instrument
- Fine cross hairs are designed to assist in aligning with a pre-inked control corneal landmark

Calibrated cut

- Rotating mechanism advances the blade depth 0.25mm with each 360° rotation

Vacuum seating

- Securely holds the trephine in place for an optimal perpendicular cut



Vacuum Trephines

K20-2050	6.00mm	K20-2058	8.00mm
K20-2052	6.50mm	K20-2059	8.25mm
K20-2054	7.00mm	K20-2060	8.50mm
K20-2055	7.25mm	K20-2061	8.75mm
K20-2056	7.50mm	K20-2062	9.00mm
K20-2057	7.75mm		

Trephine supplied

- Sterile; single-use disposable
- Packaged fully assembled and ready for use
- Gentian violet marking pen at no additional cost

Optimal intended use

- Anterior lamellar or penetrating keratoplasty

Barron Artificial Anterior Chamber®

The first sterile disposable artificial anterior chamber

Ideally suited for surgeons who prefer to cut their own tissue, the Artificial Anterior Chamber can be used with the Radial Vacuum Trephine to create a more precise cut of the donor tissue by cutting the cornea from the epithelial side. This more closely approximates the angle of cut obtained with the Barron Trephine in the recipient cornea, minimising surgically induced astigmatism; creating the best donor tissue to recipient bed match.

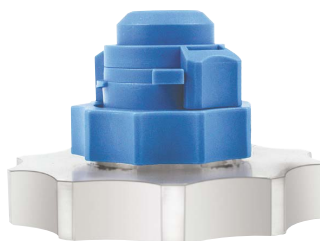
- Designed to securely hold a 14-18mm cornea graft, including scleral rim
- Two ports with pinch clamps for infusing viscoelastic, BSS, or air
- Bright blue color provides a contrasting back ground for visualising the cornea
- Ideal option for:
 - Lamellar or penetrating keratoplasty or laser dissection
 - Not compatible with a mechanical microkeratome



Item #: K20-2125

Stainless steel base

A heavy stainless steel base to stabilise the artificial anterior chamber during use is available. The base is reusable and autoclavable.



Item #: K20-2126

Notes

A series of horizontal dotted lines for taking notes.



UK Customer Service

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