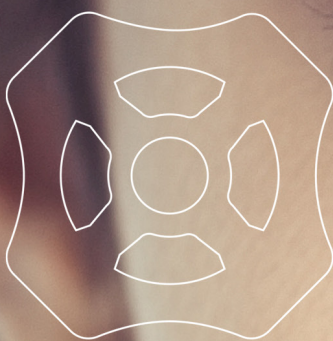


Barron<sup>®</sup>  
Cornea Transplant Products



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# Barron Donor Cornea Punch® (with and without vacuum)

The Barron Donor Cornea Punch® is recognized globally as the industry standard in cornea transplant surgery. The original non-vacuum donor punch is still 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

- Created from a solid rod of stainless steel
  - Seamless blade for a uniform, clean cut
- Micro-honed for a superior cutting edge and a sharper cut
- Thin blade wall
- Advanced blade finishing

## Tissue visualization

- Features an “open top” design
  - Improves tissue visualization prior to cutting

## Size confirmation

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

## Available punch diameters

- 6.00 – 9.5mm diameters

## Vacuum seating (*Vacuum Donor Punches only*)

- Immobilizes tissue for a more perpendicular cut

## Punch supplied as/with

- 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. Recognized 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

- Created from a solid rod of stainless steel
  - Seamless blade for a uniform, clean cut
  - Micro-honed for a superior cutting edge and a sharper cut

## 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
- Fine cross hairs are provided
  - To assist in aligning with a pre-inked central corneal landmark

## Calibrated cut

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

## Available trephine diameters

- 6.00 – 9.00mm diameters

## Vacuum seating

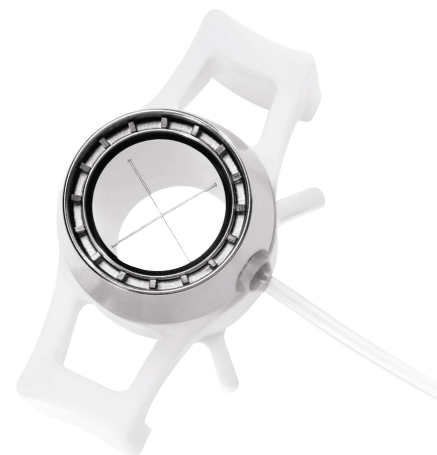
- Securely holds the trephine in place for an optimal perpendicular cut

## Trephine supplied as/with

- 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



## 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		



# 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, minimizing surgically induced astigmatism; creating the best donor tissue to recipient bed match.

Designed to securely hold a 14-18mm cornea graft, including scleral rim

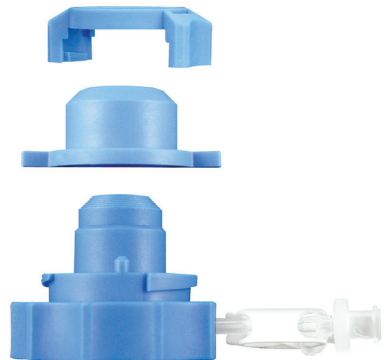
Two ports with pinch clamps for infusing viscoelastic, BSS, or air

Bright blue color provides a contrasting background for visualizing the cornea

Ideal option for

- Lamellar or penetrating keratoplasty or laser dissection
- Not compatible with a mechanical microkeratome

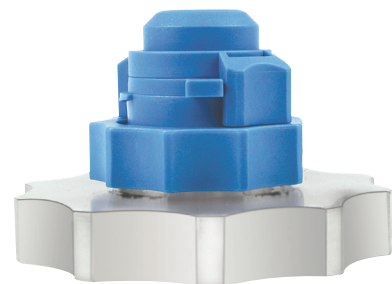
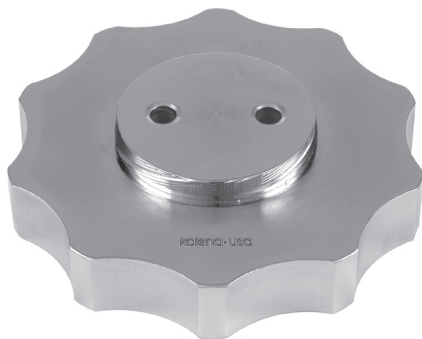
Item #: K20-2125



## Stainless steel base

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

Item #: K20-2126



Barron Corneal Transplant Products are CE mark authorized



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