



**Barron**<sup>®</sup> CORNEAL  
DEVICES

Cornea Transplant Products

OPHTHALMOLOGY

 corzamedical



# Barron<sup>®</sup> 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 recognized 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, AmbioDisk, and Blink. We provide our customers with the solutions to enable them to provide unparalleled care for their patients.

## Table of Contents

	Page Number
Barron Donor Cornea Punch <sup>®</sup>	4
Barron Radial Vacuum Trepine <sup>®</sup>	5
Barron Artificial Anterior Chamber <sup>®</sup>	6
Notes	7

## 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 [1]

### Tissue visualization

- Features an “open top” design
  - Improves tissue visualization 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)

- Immobilizes 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

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

#### Non-vacuum Punches

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

## Barron Radial Vacuum Trepphine®

The Barron Radial Vacuum Trepphine® is used for cutting the transplant recipient’s cornea tissue. Recognized as the global standard in recipient trephines, the Barron Radial Vacuum Trepphine® 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 [1]

### 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 Trepphines

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

### Trepphine 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





To learn more about Corza Medical and  
how we can support you, contact us:

[salesuk@corza.com](mailto:salesuk@corza.com) | 0121 386 8433

For more information, visit [corzaeye.com](http://corzaeye.com)

Blink Medical Limited t/a Corza Medical, Radway Road, Solihull, West Midlands B90 4NS  
Phone: +44 121 386 8433, Email: [salesuk@corza.com](mailto:salesuk@corza.com)

All trademarks are owned by the company and its affiliates.  
©2024 Corza Medical All Rights Reserved. COR-ADV-12122022-Rev1