Toric Marking Devices

Designs for All Toric Marking Techniques. Innovation for Best Toric Outcomes.

World’s Widest Selection of Toric Marker for:
One Step Technique  0°-180° Pre-Op Reference Marking
Two Hand Axis Marking  One Hand Axis Marking
"**PATIENTS** are paying extra for these premium Intraocular lenses, and **DESERVE NOTHING BUT THE BEST.**"

Charles Ahn, MD
Chicago, IL

www.asico.com
A NOTE ABOUT TORIC TECHNIQUES

ONE STEP TORIC MARKING

One step Toric marking makes your steep meridian axis marks pre-operatively. A leveling guide will serve as your 0-180 reference; while the marker/gauge combo head marks the axis from your Toric calculator directly. No marking inside the OR is required.

1. Ink the Marking Points
2. Align Dial to the Steep Meridian (from Toric Calculator)
3. Make your Mark

TWO STEP TORIC MARKING

Two step Toric marking consists of a Pre-Op Reference mark to take into account any cyclotorsional movement, and a steep meridian axis mark inside the OR from your Toric calculator.

Step 1: Pre–Op Reference Marking
These marks are done outside of the OR before the surgery. Then identify the 0°, 90°, and 180° on the eye while the patient is sitting upright, looking straight ahead. These marks help account for any cyclotorsional rotation of the eye.

Step 2: Intra-Op Axis Marking
These marks are done inside the OR; using the pre-op marks as a reference to proper gauge alignment to make the steep meridian axis marks to align your toric lens.

ONE HAND AXIS MARKING
A marker and gauge are built into a single instrument to mark the steep meridian axis.

TWO HAND AXIS MARKING
A marker and gauge combo is used to mark the steep meridian axis.

See page 4 for more product details
See page 5 for more product details
See pages 6-7 for more product details
“AXsys™ is the only device that uses my sense of SIGHT and HEARING to help me easily and accurately pinpoint the horizontal axis and stay focused on my patient’s eye.”

Takayuki Akahoshi, MD
Japan

Dr. Takayuki Akahoshi is the inventor of AXsys™

Compared to both manual and digital microscope mounted toric marking devices AXsys™ has proven to be the most accurate and reliable device available.

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<th>Toric Marking System</th>
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<th>Bubble Level Marker</th>
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<td>Deviation from Intended Axis</td>
<td>&gt; 5.0°</td>
<td>4.1°</td>
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<tr>
<td>Nuijts R.¹</td>
<td>Kakulidis C.²</td>
<td>H. Burkhard Dick³</td>
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The AXsys™ toric marking device is the only device that offers both audio and visual confirmation of the correct position to make an accurate toric mark, so you never have to divert focus from the patient’s eye.

GREEN & No Beeping
Perfect Horizontal Axis

ORANGE & Moderate Beeping
Slight Tilt (Right/Left Reading)

RED & Fast Beeping
Extreme Tilt (Right/Left Reading)

Neuhann– Nuijts One Step Toric Marker:
AE-2799T

- Designed for simple and accurate one step Toric marking, eliminating the need for any marks inside the OR
- Bubble level is sensitive to 0.5° to confirm correct axis while marking, and is easily removable for steralization
- 12.5mm outer diameter suitable for all eyes; including those with small orbits
- Clinical study of 50 patients shows no alignment errors over 5°, meaning AN ACCURATE AND CONSISTENT TORIC MARK

Clinical Performance of AE-2799T – Neuhann Toric Marker
PRE-OP REFERENCE MARKERS
Two Step Technique

AXsys™ 0°-180° Pre-op Reference Electronic Toric Marking Device:
AE-2929

• Make 0°-180° pre-op reference marks to make an accurate reference to the intra-op marks
• AXsys™ Electronic Toric Head has adjustable sensitivity levels that can be set to be as sensitive as 0.2°
• Same AXsys™ Electronic Head as the one step model (AE-2930), which has tested to be world’s most accurate Toric marking device

Nuijts– Solomon Pre– Op Toric Marker:
AE-2791TBL

• Used temporally on to make 0°, 90°, and 180° reference marks on right and left eyes
• Bubble level is sensitive to 0.5° to confirm horizontal axis and ensure an accurate pre– op reference mark
• Bubble level easily removable for sterilization

ASICO Pre-op Toric Marker:
AE-2793D

• Used temporally on to make 0°, 90°, and 180° reference marks on right and left eyes
• Curvature of marking points confirm to cornea
• Non marking surface minimized to maximize visibility

ASICO Pre-op Toric Marker, Single Side:
AE-2793S

• Used straight on to make 0°, 90°, and 180° reference marks on right and left eyes
• Curvature of marking points confirm to cornea
• Non marking surface minimized to maximize visibility
TORIC GAUGES
Two Step Technique
FOR THE TWO HAND AXIS MARKING TECHNIQUE

Ron Yeoh Toric Gauge:
AE-1595

- Cutouts at 0°, 90°, 180°, and 270° allow easy visualization of horizontal or vertical reference
- Inner diameter: 12mm, Outer Diameter: 14mm makes this gauge the thinnest gauge on the market
- Marking points every 5°

YEOH GAUGE

- 12mm inner diameter
- 14mm outer diameter
- Ideal for Small Orbits

STANDARD GAUGE

- 12mm inner diameter
- 16mm outer diameter

ASICO Beveled Degree Gauge w/ Teeth:
AE-1590T

- Beveled design reduces microscope glare
- Inner diameter: 12mm Outer Diameter: 16mm
- Marking points every 5°
- Beveled design reduces microscope glare; also allows numbers to sit as close to the cornea as possible

Mendez Degree Gauge:
AE-2765N

- Inner diameter: 12mm, Outer Diameter: 16mm
- Marking points every 10°

Note: All ASICO Toric Gauges Markers are compatible with any two hand intra op axis marker (AE-2740N and AE-2740H listed on p. 7), and can be used with any pre-op reference marker.
INTRA-OP AXIS MARKERS
Two Step Technique

TWO HAND AXIS MARKING TECHNIQUE

Nuijts-Solomon Toric Axis Marker:
AE-2740N

- Laser lines on top of marking points allow to center marks
- 5 mm non marking optic zone for visibility

Also available with centering peg to center to myopic pupil (AE-2740H)

ONE HAND INTRA-OP AXIS MARKERS
An alternative to using both a gauge and marker for axis marking in the two step technique

ASICO Intra-Op Toric Axis Marker II:
AE-2794N
- Marker and gauge combo allow Intra-Op Axis marking with one hand
- Marking points every 5 degrees
- OD: 13.5mm
- Cutouts at 0° and 180° allow to align to pre-op reference marks
- Notch on top to align to proper Toric reading
- 5 mm non marking optic zone for better visibility

Yeoh Toric Manipulator:
AE-2557

- Knurled outer barrel to align marking points to Toric calculator reading

Modi Low Profile Intra-Op Toric Axis Marker:
AE-2848N
- Marker and gauge combo allow Intra-Op Axis marking with one hand.
- Marking points every 5 degrees
- 12.5MM OD Ideal for Small Orbits
- 5 mm non marking optic zone for visibility

Innovation for Better Outcomes
# Toric Markers Reference Guide

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**The more you know...**

Available from your local distributor

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