



**Product Information for the ASICO Toric markers**  
**AE-2740 & AE-2740N - Nuijts Toric Axis Marker**  
**AE-2765 & AE-2765N – Mendez Degree Gauge**  
**AE-2791, Pre-Op Toric Reference Marker**  
**AE-2791BL, Pre-Op Toric Reference Marker with Bubble Level**  
**AE-2791TBL, Nuijts/Lane Pre-op Toric Refer Mrkr w/ Bubble, Titanium**  
**AE-2792, Intra-Op Toric Axis Marker/ AE-2794, Intra-Op Toric Axis Marker II**  
**AE-2793D, Pre-op Toric Reference Marker double sides open view**  
**AE-2793S, Pre-op Toric Reference Marker Single Side, Titanium**  
**AE-2848 & AE-2848N: Modi Low Profile - Intra Op Toric marker**  
**AE-2740H: Nuijts Toric Axis Mkr w/5mm ctr opening & hole**  
**AE-2799: Neuhann Toric Marker, AE-2799T: Neuhann Toric Marker with Tabo System**

Caution: Federal (U.S.A) law restricts the sale of this device only to or by the order of a physician.

**Description:**

These markers are autoclavable and reusable, made of stainless steel or titanium and intended to assist with the precise implantation of Toric IOLs.

**Operating and maintenance instructions**

**Handling before and after each use:**

The markers are provided unsterile and must be cleaned and sterilized before use. To reduce or avoid endotoxin contamination, it is recommended to change the distilled water from the ultrasound cleaner after each and every use. The use of ultrasound baths and strong cleaning fluids (alkalis pH > 9 or acids pH < 5 ) can reduce the life span of products. The manufacturer accepts no liability what so ever in such cases. They should also undergo manual cleaning and sterilization immediately after each surgery. Please ensure that before the first use or subsequent uses that the hand piece is undamaged. Do not use the instrument if it appears to be damaged.

**Sterilization**

1. The markers must be sterilized prior to each use and before initial use.

**NOTE:** Due to the variation found in steam autoclaves and the variable bioburden on instruments in clinical use, it is not possible for ASICO to provide specific parameters to ensure an adequate sterility assurance level. The appropriate parameters to be used and the sterility assurance level achieved with these parameters must be validated by each hospital. Please refer to current ANSI/AAMI standards or your hospital's standard procedures for the most appropriate specifications.

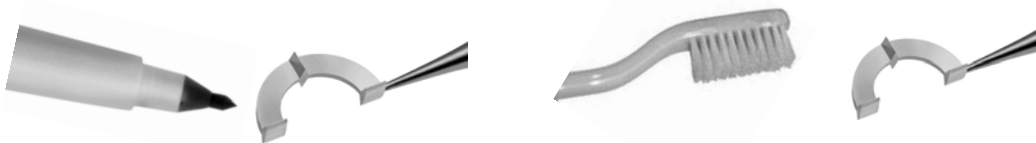
Method of Sterilization	Sterilizer Type	Sample Configuration	Temperature	Exposure Time (Minutes)
Steam	Gravity Displacement	Wrapped	132°C (270°F)	34.0
Flash	Gravity Displacement	Unwrapped	132°C (270°F)	10.0
Steam	Prevacuum	Wrapped	132°C (270°F)	4.0
Flash	Prevacuum	Unwrapped	132°C (270°F)	4.0

For steam sterilization, refer to ANSI/AAMI Standards and Recommended Practices Volume 1: Sterilization, Designation ST46-1993, Section 5.8.

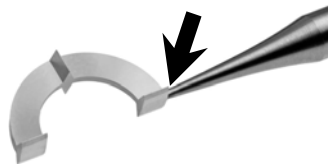
For flash sterilization, refer to ANSI/AAMI Standard for Good Hospital Practice: Flash Sterilization – Steam Sterilization of Patient Care Items for Immediate Use. Designation ST37-1996, Section 5.4

**General care items:**

- The markers are provided non sterile and must be ultrasonically cleaned and sterilized prior to initial use.
- Ultrasonically clean the markers at least once per day.
- The Intra-Op Toric Axis Marker should be ultrasonically cleaned in order to allow the barrel to easily rotate on a continuous basis.
- Do not allow blood, tissue or saline to dry on the markers.
- Do not use saline (balanced salt solution) for rinsing the instrument.
- Always use de-ionized water for final rinsing.
- Do not use metal brushes or abrasive powders to clean the markers.
- Store instrument in a protective tray.
- It is recommended to ink with a pad or if marking with a pen – mark both on and against the grain
- Please use minimum pressure when applying marking ink or when cleaning with a brush



- Special care must be taken when handling these delicate instruments to avoid breakage, especially at the fine connection between marker head and handle. This fine connection is necessary for optimal visualization.



**Handling of the AE-2791BL, AE-2791TBL, AE-2799 and AE-2799T in regards to bubble level**



1. Carefully unscrew handle and remove bubble level. Reattach handle segments and complete sterilization techniques as stated above under Sterilization. To clean the bubble level use soapy warm water, a mild detergent or alcohol wipes. Please note extended use of alcohol is likely to cause the markings to fade.

**DO NOT STERILIZE WITH BUBBLE LEVEL IN HANDLE**



2. Prior to surgery unscrew the handle and replace bubble level.



## Complaints:

Please send reports immediately to ASICO. In case you are in Europe please send the reports to mdi Europa with a copy to ASICO. We will investigate the complaint and respond to you.

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Federal (U.S.A) law restricts this device to sale by or on the order of a Physician.

## Ordering Information

Contact the ASICO head office by phone 1-630-986-8032, fax 1-630-986-0065, or email [info@asico.com](mailto:info@asico.com).

## Customer Service

All ASICO Ophthalmic Instruments are unconditionally guaranteed for life against manufacturing defects in material and workmanship when used for their intended surgical purpose and cared for in accordance with recommended procedure. In the event any ASICO instrument should fail as a result of a manufacturing defect in material or workmanship, it will be replaced or repaired at no charge.

## Identification

All products are identified by an article and batch number. All exported products are registered by the supplier, and all repair or inspection work that is carried out by the manufacturer is documented in writing. This system ensures traceability of all repairs or inspections carried out on the products, right back to initial delivery.

## Traceability

All products that are exported by ASICO LLC, can be comprehensively traced at any time.

## Manufactured by:

ASICO LLC  
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