



Today's Precision... Tomorrow's Vision™

Electronic Toric Markers

By Dr. Akahoshi



AE-2929
Two-Step
Reference



AE-2930
One Step
Axis

The World's First Toric Markers to Use the Sense of Sight and Sound to Ensure an Accurate Toric Mark!



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"For the best possible outcome, I worked with ASICO to design this Toric marker that is incredibly accurate and easy to use. I wanted to be able to use the sense of sight and Brightness to confirm my horizontal axis, so I never have to lose focus on the patient. It is simple, when the marker is tilted left or right, the electronic leveling device will beep. Only when held horizontally will the device stop beeping and show a green light"



Electronic Toric Marker Advantages

- The surgeon can concentrate on the patients eye as sight and sound indicate horizontal axis
- The handle is ergonomically designed, and offers extreme stability as it is held by the thumb.
- The electronic Toric head is attached by a magnet and is easily removable for sterilization
- Sensitivity of the device can be adjusted to 5 settings and can be set as sensitive as 0.2°
- Sound settings on the device can also be adjusted



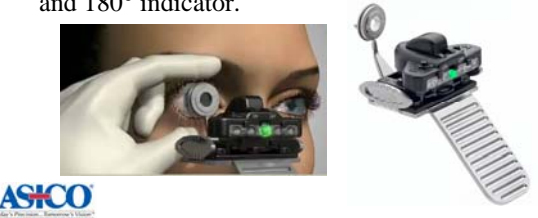
ASICO Two Step Electronic Toric Reference Marker: AE-2929

- Indicates the 0° and 180° positions as the eye to act as a reference to intra op marks.



ASICO One Step Electronic Toric Axis Marker: AE-2930

- Marks the desired axis preoperatively.
- Completes all Toric marking in one step, as the electronic Toric device acts as a 0° and 180° indicator.





ASICO One Step Electronic Toric Marker: AE-2930





Pre Op vs. One Step Marking

AE-2930
One Step Electronic Toric Axis Marker

Marks the desired axis preoperatively.

AE-2929
Two Step Electronic Toric Reference Marker

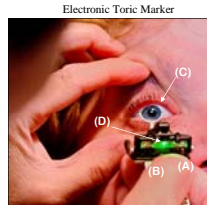
Marks 0° and 180° as reference to pre-op marks

Electronic Toric Marker Handle

- The flat handle is ergonomically designed, and offers extreme stability as it is held by the thumb.



See The Difference!



- (A): Ergonomically Designed Handle Offers Extreme Stability as it is held by the thumb.
- (B): Flat handle prevents any Handle rotation.
- (C): Position of marker offers maximum visibility
- (D): Green Light Confirms Horizontal Axis
- (E): Continuous sound feedback also confirms axis



Electronic Toric Device



- The lights on the Electronic Toric device will indicate if the marker is held perfectly horizontal.
- The Electronic Toric Device will also make beeping noises to indicate if the marker is held perfectly horizontal.
- The Electronic Toric Device is attached to the body by a magnet, and is easily removable for sterilization.



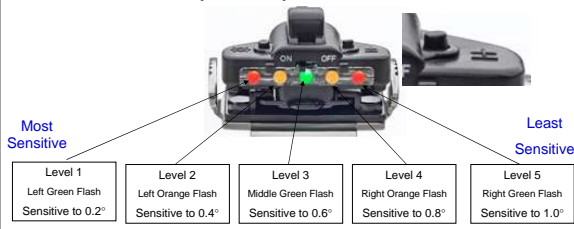
Adjusting the Sensitivity Level

- The sensitivity of the device can be adjusted to 5 settings, ranging from 0.2° to 1.0°
- To adjust the sensitivity level, we press the sensitivity adjustment button located on the top of the device.
- This is indicated with a +/- symbol on the top of the device



Adjusting the Sensitivity Level

- When the Sensitivity Adjustment button is pushed, a light will quickly flash to indicate the sensitivity level you have selected.



Adjusting the Sound Setting

- The Brightness setting on the device can be adjusted to 3 settings based on your preference.
- To adjust the Brightness setting, we use the Brightness/ brightness adjustment button located on the top of the device.
- This is indicated with a sun like table at the top of the device.



Adjusting the Sound Setting

- When the Brightness/ adjustment button is pushed, a light will flash to indicate the Brightness button you have selected.



Brightness Level 1
Will remain silent regardless of the tilt of the device.

Brightness Level 2
Will only beep when the device enters a perfect horizontal axis.

Brightness Level 3
Will beep until it is held at a perfect horizontal axis.

Adjusting the Brightness of the Lights

- We also use the Brightness/ brightness adjustment button to adjust how brightly the lights will display.
- To adjust the brightness, we will hold the Brightness/ brightness adjustment button for 2 seconds, rather than just press it.



Adjusting the Brightness

- When the sound/ brightness adjustment button is held for two seconds, a flash of a light will indicate the brightness level you have selected.



Brightness Level 1
Least Bright Level.

Brightness Level 2
Moderate Brightness

Brightness Level 3
Brightest level

Trouble Shooting

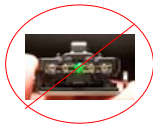
- To reset the device to the factory settings, we simply push and hold both top buttons for two seconds.

Hold for two seconds to reset to factory

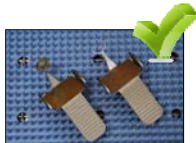


Sterilization

- The electronic Toric head is attached by a magnet, and is easily removable from the body.
- The body can be autoclaved like any conventional instrument.
- The head cannot be sterilized, but since it never enters the operating room or contacts the eye, it is not necessary.



Do Not Sterilize The
Electronic Head!



Body can be autoclaved like
any conventional instrument



If you have any questions about the Electronic Toric Marker, contact ASICO at any time!

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