



## TOCULAR

Precise angle alignment of toric IOLs



**Tradition and innovation** – Since 1858 visionary thinking and a fascination with technology have guided us to develop innovative products of outstanding reliability: Anticipating trends to improve quality of life.

 **HAAG-STREIT**  
SURGICAL

# TOCULAR

During implantation of toric IOLs precise angle alignment of the lens in the capsule is required. For this procedure TOCULAR is offered by HAAG-STREIT SURGICAL.

TOCULAR is a rotatable wide angle ocular with an integrated reticle that can be rotated manually via a sterilizable knob. For best visibility the reticle is clear in the center of the visual field. It allows an IOL alignment of better than  $\pm 2^\circ$ .

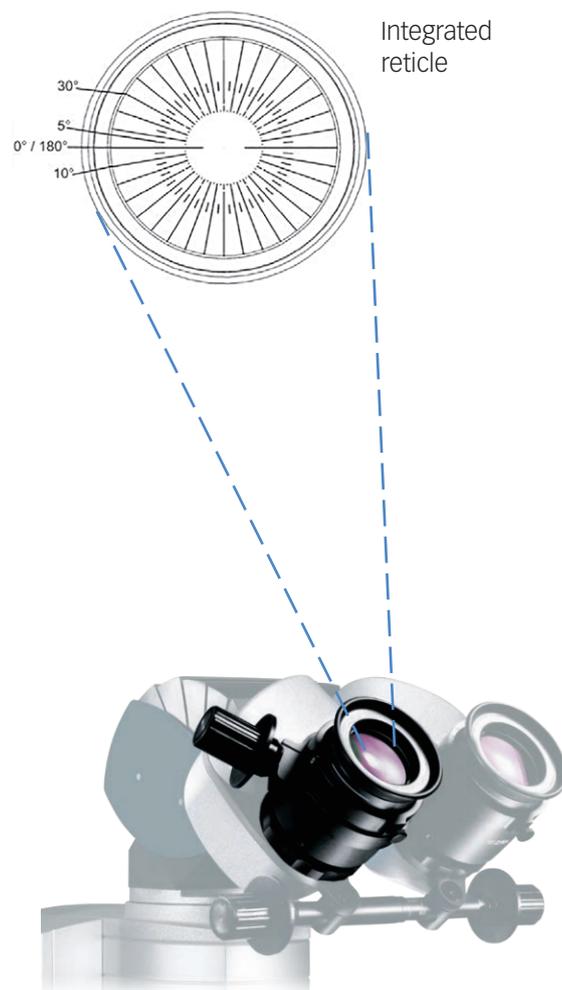
## WORKING PRINCIPLE

### Pre-operative work: Marking of the eye

Prior to the operation the astigmatic angle has to be determined with a keratoscope or a biometer. We recommend the use of the Haag-Streit LENSTAR LS 900. The vertical and/or horizontal coordinates are ink-marked on the eye with a sterilizable pre-marker as the Davis pre-marking system distributed by John Weiss.

### During surgery: Alignment of the toric IOL

After implantation of the IOL, the microscope zoom is adjusted to show the ink-marking in the visual field of the oculars. With the knob on the TOCULAR the reticle is turned to align the large scaled markings with the ink-marks on the eye. Now the IOL can be brought into position using the medium and small reticle markings.



## Technical specifications

	<b>TOCULAR</b>
Ocular parameters	10x 21B
Reticle markings	large: 180° steps medium: 10° steps small: 5° steps
Rotation	$\pm 180^\circ$
Positioning of ocular	left or right

Subject to alterations.