

Cassini Ambient: Connected Corneal Assessment

LED-based corneal topography designed to support cataract planning, with optional workflow continuity into the OR



Supports Consistent Corneal Measurements

Keratometry & astigmatism
(ICC >0.95)¹⁻⁵



Total Corneal Astigmatism

Provides anterior + posterior corneal
data to support surgical planning



Optimized Toric IOL Planning

Accurate astigmatism axis for confident
pre-op surgical planning^{6,7}

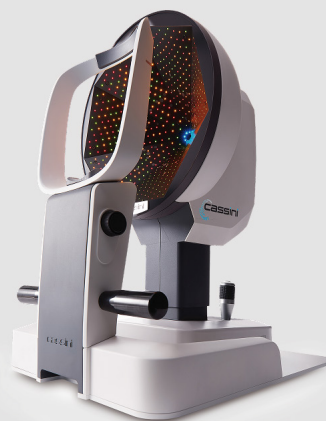


Optional Workflow Connectivity For OR Alignment

Iris registration detects cyclorotation
during femtosecond laser-assisted
cataract surgery

Why Cassini Ambient Works in Your Practice

- Designed to support cataract planning workflows
- Fits within existing clinic + OR environments
- Optional integration with CATALYS® and LENSAR ALLY®



1. Chamberlain, P., et al., J Refract Surg, 2018. 2. Chauhan, P., et al., J Refract Surg, 2024. 3. Klijn, S., et al., J Refract Surg, 2015. 4. Ferreira, T. B., & Ribeiro, F. J., Clin Ophthalmol, 2017. 5. Hidalgo, I. R., et al., J Refract Surg, 2015. 6. Ferreira, T. B., & Ribeiro, F. J., Clin Ophthalmol, 2016. 7. Klijn, S., et al., Am J Ophthalmol, 2016.

Explore Connected Workflows For Cataract Surgery

Learn More: cassini-technologies.com/ambient

