Introducing the **HOLOS IntraOp™** Wavefront Aberrometer

*Continuous real-time™ refractions during your cataract surgeries*
**HOLOS IntraOp™:**

*Continuous real-time™* refractions for cataract surgery

Streaming video of intraoperative wavefront data to assess *continuous real-time™* refraction changes during cataract surgery

Developed specifically for ophthalmology, the HOLOS IntraOp™ wavefront aberrometry utilizes patented HOLOS™ wavefront technology to provide:

» Integration of all refractive data synchronized to real-time surgical video of the patient’s eye

» *Continuous real-time™* refractive feedback for astigmatic correction when:
  › Rotating toric IOLs
  › Titrating relaxing limbal incisions
  › Performing arcuate incisions with your femtosecond laser

» The accuracy of an advanced aberrometer-based technology *(Sphere, Cylinder, Axis)*¹ to assess refractive data during the phakic, aphaikic, and pseudophakic phases of surgery

» Simple, intuitive video interface helps maximize efficiency and minimize interruptions to your workflow

The HOLOS IntraOp™ wavefront aberrometer fits seamlessly into cataract surgery workflow

» Efficient use of valuable surgical time:
  No need to stop surgery to change ambient light conditions, to acquire a refraction or adjust your working distance

» Compact design:
  Adaptable to 150mm, 175mm, or 200mm surgical microscope working distances

» Video archive of your entire procedure:
  Allows “instant replay” of your refractive cataract surgery

¹ Data on file.
Gradually improving refraction detected by the HOLOS IntraOp™ wavefront aberrometer during rotational alignment of a toric IOL.

Continuous real-time™ verification of targeted refraction in every patient

The HOLOS IntraOp™ wavefront aberrometer displays qualitative and quantitative refractive data in real time, providing immediate feedback on how adjustments affect refraction.

» Continuous real-time™ measurements verify refraction during surgery

“The value of real-time... continuous wavefront aberrometry is indisputable; imagine the possibility of no longer depending entirely upon pre-operative measurements in obtaining axial length and keratometry. And confirming the target refraction on the operating table will change cataract surgery forever!”
- Robert H. Osher, MD

The HOLOS IntraOp™ wavefront aberrometer is engineered for the demands of modern refractive cataract surgery

“Premium IOLs are the patient value-added proposition that restores proper value to our skills as cataract surgeons and clinicians”
- David F. Chang, MD

“As refractive IOL technology improves, the demand for and success in delivering this value proposition will only increase.”
- David F. Chang, MD
**HOLOS IntraOp™** is the only intraoperative wavefront aberrometer that provides continuous real-time refractions throughout cataract surgery

- Integrates refractive data with simultaneous real-time surgical video of the patient’s eye with an intuitive display
- Provides streaming data and video on astigmatism correction while rotating toric IOLs or titrating relaxing limbal incisions
- No need to stop to acquire a refraction

To learn more about the **HOLOS IntraOp™** wavefront aberrometer, visit [www.holos.com](http://www.holos.com), or call (925) 463-7984.

### Technical Data

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<th>Continuous Real-Time Sequential Wavefront Sensor</th>
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<td>-10D through +30D</td>
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<td>Measurement Data</td>
<td>Continuous real-time refractions throughout surgery Qualitative and quantitative refractions overlaid on video of the patient’s eye</td>
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<td>Main Power Voltage</td>
<td>90VAC – 240VAC 50/60Hz</td>
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<td>Record and Playback Capability Of The Surgery</td>
<td>Built-in DVR (Digital Video Recorder) for both wavefront data and patient video</td>
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<td>Peripheral Equipment</td>
<td>Touchscreen with integrated microprocessor 10.2 inch full color screen with 1024 x 1080 resolution Supports an external LCD screen with DVI/HDMI Ethernet connectivity Internal Storage = 1 Terabyte Wireless keyboard with touchpad</td>
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