

Huvitz

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HRK-9000A

AUTO REFRACTOR -
KERATOMETER
WITH AUTO MODE

Delivers precise refractive error measurements using a micro lens array, including high-order aberration data for customized prescriptions. The device integrates subjective visual acuity testing, tear film analysis (TFBUT), and meibography for dry eye diagnosis. It also features specialized modes for IOL and cataract assessments, and a Color View Mode for detailed imaging of various ocular conditions, powered by a full-color CCD camera and white LED illumination.



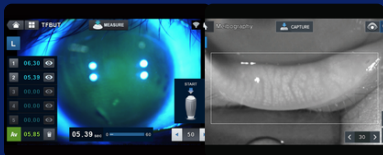
FEATURES:



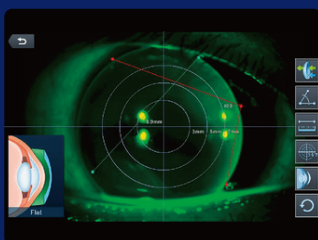
- **Accurate Refractive Error Measurement:**
 - Utilizes a Huvitz-developed micro lens array for detailed refractive error diagnosis.
 - Analyzes minute light aberrations, crucial for pre- and post-refractive surgery assessments.
 - Provides high-order aberration data for customized lens prescriptions.



- **Subjective Visual Acuity (VA) Test:**
 - Enables patient communication to determine optimal corrective vision.
 - Confirms vision based on patient responses, aiding in near-vision correction.
 - Enhances data reliability when compared with objective VA tests.



- **Comprehensive Dry Eye Evaluation:**
 - Offers TFBUT measurement for tear film condition and dry eye syndrome diagnosis.
 - Includes meibography for observing meibomian gland changes.
 - Adds dry eye diagnosis capabilities to the machine.



- **Expanded Ocular Health Assessment:**
 - Features IOL and RET-ILLUM modes for specialized assessments in patients with intraocular lenses or cataracts.
 - Provides Color View Mode for observing lenticular opacity, corneal injuries, and contact lens fitting status.
 - Utilizes a full-color CCD camera and white LED light source for detailed imaging.



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