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WHY CHOOSE ENVI?

A STRATEGIC PARTNERSHIP FOR SMARTER EYECARE

This partnership brings together *Envi Essential Eyecare Instruments*—trusted for reliable, cost-effective exam lane equipment—with *Huvitz*, a leader in advanced diagnostic technology.

Together, we're expanding our product line to bring you a more complete, innovative, and budget-conscious solution for your practice.

WHY CHOOSE ENVI + HUVITZ?

- **Complete Product Offering:** From exam lane basics to high-end diagnostic tools, this partnership creates a one-stop solution for eye care practices.
- **Complementary Expertise:** Envi provides affordability and durability, while Huvitz adds cutting-edge diagnostic innovation.
- **Seamless Integration:** Equipment is designed to work together, streamlining clinical workflow.
- **Proven Value:** Two respected brands delivering dependable quality at budget-conscious pricing.

Whether you're building a new exam lane or upgrading your diagnostic capabilities, *Envi + Huvitz* provide a comprehensive, future-ready solution to support better care and smarter practice growth.

PRODUCT LINE:

- Chairs & Stands
- Slit Lamps
- Manual Lensmeters
- Auto Lensmeters
- Autorefractors
- Topographers
- Fundus Cameras
- Acuity Charts
- Manual Phoropters
- Auto Phoropters
- Tonometers
- Miscellaneous Accessories

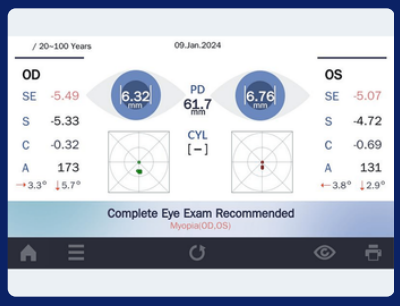
Partnered with: Huvitz

AUTO-REFRACTORS

HVS-1 HANDHELD AUTO REFRACTOR

A revolutionary handheld autorefractor designed for rapid and accurate vision screening, including infants and toddlers. This portable device delivers precise measurements of refractive abnormalities in less than a second, from a comfortable distance of 1 meter. Its user-friendly design and enhanced LED technology make it ideal for screening patients of all ages, including those with mobility challenges.

FEATURES:



- **Fast and Convenient Screening:**
  - Performs accurate measurements of myopia, astigmatism, hyperopia, and strabismus in under one second.
  - Allows for convenient screening from just over 3 feet, similar to taking a photograph.

- **Precision Through Advanced Technology:**
  - Utilizes patented Focus LED technology with increased LED intensity to minimize external light interference.
  - Analyzes retinal light reflection for reliable identification of refractive and ocular alignment abnormalities.

Additional Features:

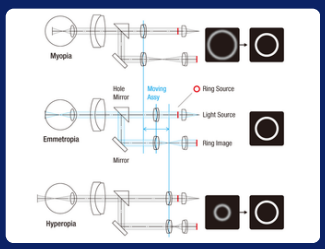
- Broad Age & Patient Suitability
- Portable & Lightweight Design
- Instant Results & Data Storage
- Auto Measurement & Alignment
- Rechargeable Battery for Full-Day Use
- Multilingual Interface & User Settings

HRK-1

AUTO REFRACTOR - KERATOMETER

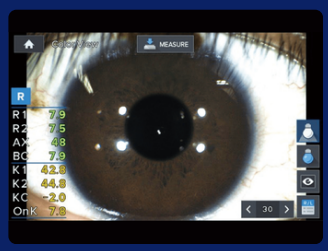
Engineered for precise and efficient eye examinations. Its key features include automatic measurement adjustment based on diopter, enhanced accuracy for various eye conditions, rapid alignment guidance, and a Color View Mode for detailed assessment and contact lens fitting. It also provides accurate corneal curvature values for contact lens prescriptions, utilizing a full-color camera and white LED illumination.

FEATURES:



- **Optimized Accuracy for Diverse Patients:**
  - Automatically adjusts measurement based on the patient's refractive error (Smart Assembly Moving), and minimizes uneven light reflection, ensuring precise vision measurements even in patients with cataracts.

- **Fast, Automated Alignment & Capture:**
  - The Aiming Dot quickly guides the user to the patient's visual apex, while the auto-start trigger initiates measurement immediately upon alignment—ensuring a seamless workflow, consistent accuracy, and hands-free repeatability.



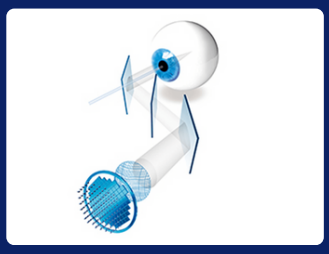
- **Color View Mode and Realistic Imaging:**
  - Enables detailed assessment of ocular conditions and contact lens fitting.
  - Provides precise corneal curvature values for accurate lens prescriptions.
  - Uses a full-color camera with white LED illumination to deliver clear, color-true imaging.

HRK-9000A

AUTO REFRACTOR - KERATOMETER WITH AUTO MODE

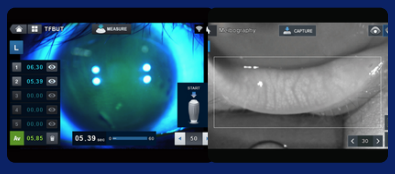
Delivers precise refractive error measurements using a micro lens array, including high-order aberration data for customized prescriptions. The device integrates subjective visual acuity testing, tear film analysis (TFBUT), and meibography for dry eye diagnosis. It also features specialized modes for 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:

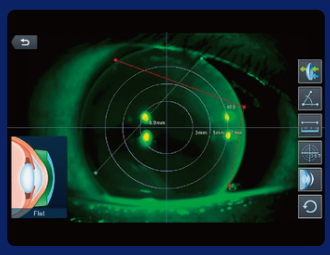


- **Accurate Refractive Error Measurement:**
  - Utilizes a Huvitz-developed micro lens array for detailed refractive error diagnosis.
  - Analyzes minute light aberrations, crucial for pre- and post-refractive surgery assessments.
  - Provides high-order aberration data for customized lens prescriptions.

- **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.

AUTO-PHOROPTERS

HDR-9000

A cutting-edge phoropter designed for personalized and efficient refraction testing. Utilizing the innovative 21-point exam method, it simplifies the refraction process, making it accessible to all users. With its rapid astigmatism measurement, customizable settings, and wireless connectivity, the DR-9E delivers a superior examination experience.

FEATURES:

- **Simplified Refraction with 21-Point Precision:**
  - Simplifies refraction with the 21-point exam method, eliminating the need for complex knowledge or experience.
  - Displays clear results on the display for easy interpretation by both examiners and patients.
- **Rapid and Precise Astigmatism Assessment:**
  - Employs dual cross-cylinder and Jackson cross-cylinder lenses for highly accurate astigmatism assessments.
  - Improved lens movement speed minimizes accommodation interference, ensuring precise measurements.
- **Tailored Patient Examinations:**
  - Offers a tiltable body (0° to 45°) for comfortable near-vision examinations, simulating natural reading posture.
  - Provides monocular height adjustment (+/- 3mm) for personalized examinations in patients with varying eye heights.

FUNDUS CAMERA

HFC-1

A PC-integrated system designed for advanced retinal imaging and efficient analysis. It delivers high-resolution images, automatic pupil and flash adjustments, and a panorama function for comprehensive retinal overviews, enabling accurate diagnosis and detailed visualization.

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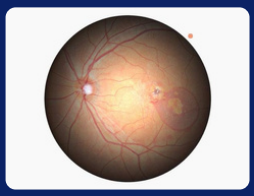


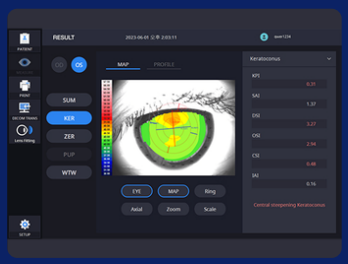
- **Customizable Fundus Modes:**
  - Offers four different color imaging options, allowing clinicians to choose the tone that best fits their diagnostic approach for clearer visualization of retinal vessels and structures.
- **Enhanced Lesion Detection:**
  - Fine-tune brightness and contrast with Central BR and Gamma controls to highlight subtle abnormalities that might otherwise be overlooked.
- **High-Resolution True Color Imaging:**
  - With 12-bit depth and advanced gamma correction, it delivers natural, distortion-free fundus images that accurately balance contrast across both dark retinal regions and bright optic discs, capturing even fine microvasculature.
- **Wide-Angle Panoramic Imaging:**
  - Automatically aligns and merges up to seven fundus images into a single, high-resolution panoramic overview, making it easier to evaluate lesion size, location, and extent at a glance.
- **Accurate Comparative Analysis:**
  - Comprehensive reporting tools enable clinicians to compare pre- and post-treatment images, track disease progression, and analyze retinal health from multiple perspectives for better clinical decision-making.

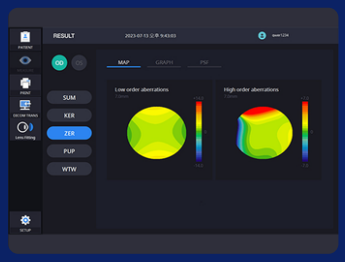
TOPOGRAPHER

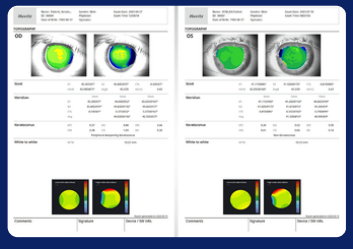
HTG-1

A sophisticated device designed for precise corneal analysis. Utilizing Placido disc analysis technology, it acquires highly reliable corneal information, providing comprehensive data for diagnosing and monitoring various ocular conditions. Its user-friendly interface and seamless network integration streamline the measurement and reporting process.

FEATURES:







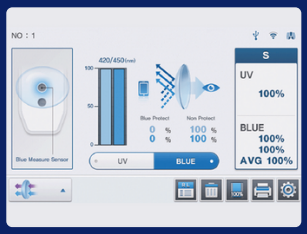
- **Precise Corneal Measurement with Placido Disc:**
  - Employs Placido disc analysis technology for accurate measurement of Keratometry, Topography, Keratoconus, Zernike Coefficients, Pupillometry, and white-to-white measurements.
  - Presents data in Axial, Tangential, Refractive Power, and Elevation Maps.
- **Comprehensive Corneal Data Output:**
  - Provides high-accuracy corneal data for diagnosing and monitoring corneal conditions, refractive power variations, irregular astigmatism, and keratoconus.
  - Displays analysis results in various maps and graphs after measuring curvature, pupil, and corneal aberration data.
- **Simplified Biometry and Reporting:**
  - Integrates seamlessly with various networks, supporting standard DICOM formats.
  - Generates systematic reports based on meticulously collected data.

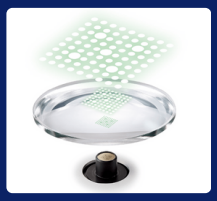
AUTO LENSMETER

HLM-9000

A high-end auto lensmeter designed for convenient and precise lens measurements. Utilizing Wavefront technology, it accurately analyzes various lens types, including multi-focal and high-curved lenses. Its user-friendly LCD touch panel and advanced features, like blue light blocking and UV transmittance measurement, make it an indispensable tool for modern optical practices.

FEATURES:

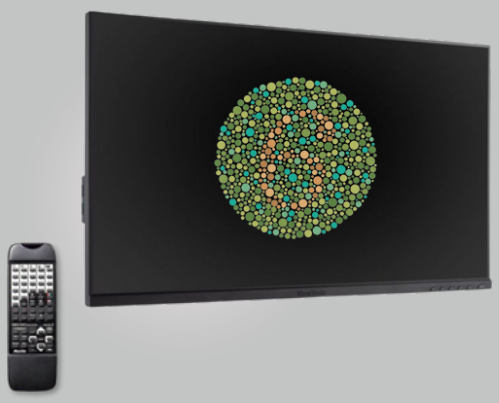




- **Convenient Transmittance Measurement:**
  - Accurately measures the transmittance rate of blue light blocking lenses.
  - Provides easy-to-understand UV transmittance levels for single vision lenses and sunglasses.
- **Precise Wavefront Lens Measurements:**
  - Employs Hartmann Sensor Wavefront Analysis Technology with increased measuring spots for maximum accuracy.
  - Automatically recognizes multi-focal lenses and provides measurement guidance on the display.
  - Simplifies measurement of sunglasses and prism multi-focal lenses.
- **Enhanced User Convenience with LCD and Tilting Display:**
  - Features a 7-inch LCD touch screen with a 178° viewing angle for reduced work fatigue and increased efficiency.
  - Offers a clear, bright display readable from any direction.

ACUITY CHARTS

HDC-7000



FEATURES:

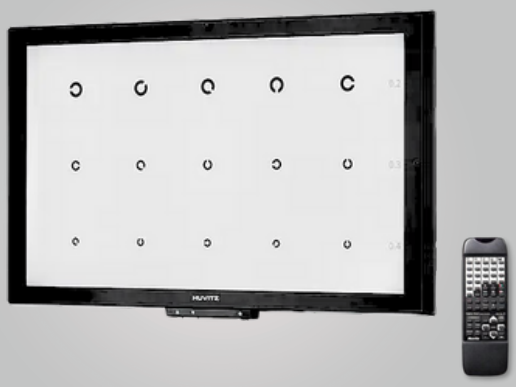
- **Broad LCD Monitor Compatibility:**
  - Seamlessly integrate with a range of LCD monitors, including 21” and 24” displays.
- **Extensive Vision Test Functionality:**
  - Access 41 diverse charts, supporting a wide array of vision assessments, including binocular balance, stereo, fixation disparity, and fusion tests.
  - Enhance binocular testing with adjustable red/green color settings to match filter colors and customizable chart contrast for optimal accuracy.

HDC-9100PF

FEATURES:

- **Extensive Chart Selection with Polarization:**
  - Offers 100+ charts: English, Numeral, Landolt C, Snellen E, Children's charts, etc.
  - Supports all visual acuity and function measurements, including phoria, binocular balance, and stereoscopic vision tests.
- **Polarized High-Definition LCD Screen:**
  - 24″ Color TFT-LCD Polarized Panel with 1920 x 1080 resolution.
  - Provides clear, distortion-free charts across a wide test range (0.03 to 2.0).
  - The polarized panel is required for stereoscopic and binocular balance testing.
- **Adjustable Examination Distances:**
  - Flexible working distances: 4′ 11″ to 19′ 8″, adjustable in 4″ increments.

HDC-9100N



FEATURES:

- **General Acuity with Diverse Chart Options:**
  - Offers 100+ charts: English, Numeral, Landolt C, Snellen E, Children's charts, etc.
  - Supports various visual acuity and function measurements, including phoria tests.
- **Standard High-Resolution LCD Screen:**
  - 24″ Color TFT-LCD with 1920 x 1080 resolution.
  - Provides clear, distortion-free charts across a wide test range (0.03 to 2.0).
  - This is a standard non polarized LCD.
- **Adjustable Test Distance:**
  - Flexible working distances: 4′ 11″ to 19′ 8″, adjustable in 4″ increments.

CONTACT US

envieye.com | 833-627-0546
sales@nextvision2020.com