### AUTOREFRACTORS

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL</th>
<th>FIELD</th>
<th>VISUAL ACUITY</th>
<th>GLARE TESTING</th>
<th>KERATOMETER</th>
<th>ADDITIONAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artisan</td>
<td>Distributed by Coburn</td>
<td>CV-5000S</td>
<td>suggested final</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Medical Systems</td>
<td>KERATOMETER</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Topcon</td>
<td>CV-5000S</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reichert</td>
<td>Auto Phoroptor RS®</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marco</td>
<td>EPIC</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>AIT Industries</td>
<td>SMART RK-11</td>
<td>no</td>
<td>no</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Grand Seiko</td>
<td>KERATOMETER</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CARL ZEISS MEDITEC</td>
<td>VISUREF 100</td>
<td>joystick with automatic measurements</td>
<td>no</td>
<td>no</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>Hand Held</td>
<td>Autorefractor with correct alignment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technologies</td>
<td>2WIN</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### REFRACtion SYSTEMS

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL</th>
<th>ALIGNMENT SYSTEM</th>
<th>VISUAL ACHIEVEMENT</th>
<th>GLARE TESTING</th>
<th>KERATOMETER</th>
<th>ADDITIONAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artisan</td>
<td>Distributed by Coburn</td>
<td>CV-5000S</td>
<td>suggested final</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Medical Systems</td>
<td>KERATOMETER</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Topcon</td>
<td>CV-5000S</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reichert</td>
<td>Auto Phoroptor RS®</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marco</td>
<td>EPIC</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>AIT Industries</td>
<td>SMART RK-11</td>
<td>no</td>
<td>no</td>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Grand Seiko</td>
<td>KERATOMETER</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### VOLK 30D 2.15x 75° Binocular Indirect

- Pediatric diagnosis and treatment
- Small profile for ease of use within the orbit

### VOLK 28D 2.27x 69° Binocular Indirect

- Wider field fundus scanning
- Excellent for examination through small pupils

### VOLK 20D 3.13x 60° Binocular Indirect

- Industry standard general
- Great balance of field of view and magnification

### Haag-Streit USA 906S

- Examination of the entire fundus, vitreous & newborn smaller mirrors suitable for the examination of small children

### Haag-Streit USA 906

- Examination of the entire fundus, newborn smaller mirrors suitable for the examination of small children

### Haag-Streit USA 903S

- Examination of the entire ocular fundus
- Classic Goldmann glass

### Haag-Streit USA 903

- Examination of the entire ocular fundus
- Classic Goldmann glass

### Haag-Streit USA 901

- For the binocular slit observation
- Easy to use, lightweight glass provides a direct image

### Haag-Streit USA 630

- For use with slit lamps that have
- For examination of the entire fundus

### OCULUS Inc. ImageCam® 2

- Adaptable to most slit lamps in
- Yes / beam splitter can be iris aperture for depth of focus
- Yes / ability to freeze the
- This high performance digital camera is adaptable to most existing slit lamps in the

### HAI Laboratories, Inc. SL-5000p

- Digital Compatible with universal beam
- 0-180° continuous slit angle; -5D to +3D diopter adjustment
- Sample SL-5000 slit
- Comes with HAI IMS/CL Image Management System, for storing & organizing diagnostic

### Topcon Medical SL-D8Z

- Halogen illumination & continuous rheostat; optional flash
- Photography capability; digital

### Topcon Medical SL-D7

- Halogen illumination & continuous rheostat; optional flash
- Photography capability; digital

### Topcon Medical SL-D4

- Halogen illumination & continuous rheostat
- Optional DC-3 8MP integrated

### Topcon Medical SL-D2

- Halogen illumination & continuous rheostat
- Optional DC-3 8MP integrated

### AIT Industries (Manufactured

- CSL-8U Galilean
- 5-step revolving drum
- 18 megapixel photos
- 1080P video
- German optics, variable intensity illumination, photo button on joystick, all-in-one touch-screen computer included

### Systems Kerato-In alignment system

- Rotary Prism Technology for reliable, reproducible refraction & keratometric results; LAN & RS232 connection for easy interface to CV-5000S

### Systems Refractometer alignment system

- Rotary Prism Technology for reliable, reproducible refraction results; LAN & RS232C connection for easy interface to CV-5000S

### Systems Autorefractor/Keratometer eye-tracking system

- Measurement time or less; provides cataract and IOL mode.
Tomey UD-8000 B-Scan, UBM 15/20/60 MHz 15" yes 398(w)x359(d)-456(h) mm Color touch screen operation, EHR compatible

Escalon 300A+ 6 lbs. capture immediately upon applanation along the visual axis with precise measurement

Sonomed PacScan Plus A-Scan 10MHz 5.2" x 3.9" no 7"H x 8.5"W x 10"D A combination of high frequency, low noise probe & proprietary algorithms enables scan

Sonomed VuMax UBM 35 or 50 MHz 19" yes 14"H x 7"W x 17.2"D The VuMax Ultrasound Bio-Microscope takes you to another level of image quality &

Reichert Reflex UBM, B-scan 35 or 50 MHz 17" yes 439 mm(W) x 92 mm(D) x 376.5 mm(H) Compact, easy to move, set up & operate. User-friendly software allows diagnostic data

Nidek, Inc. EchoScan US-4000 B-Scan, Biometry 10 MHz solid probe, Color LCD, 8.4" TFT, no Compact, 8.5kg Compact, comprehensive ultrasound device includes B-Scan, biometry & pachymetry

DGH DGH 8000 B-scan 12 /15 MHz probe n/a - USB connection yes probe length: 7" A portable USB B-Scan with high resolution images (still images or video loops), vector

DGH DGH 6000 A-Scan 10 MHz n/a - USB connection no 5.75" x 3.5" module A portable USB A-Scan with contact and water immersion modes. Multiple IOL formulas,

Accutome A-Scan Plus Connect ® A-Scan Biometer 10 MHz n/a (plugs directly n/a 5.4"x 3.7" Module Immersion & contact measurement modes. Faster measurement capture time to improve...

Accutome UBM Plus ® UBM 48 MHz n/a yes 7" long x 1.25" diameter Detailed structure definition including cornea, iris, ciliary body, zonules, crystalline lens &

Volk G6 (NF) 1.0x No 6 mirror lens for best 360° angle views Eliminates gaps experienced between mirrors

Volk G4 High Mag (NF) 1.5x No High mag lens, no fluid required Available in ring or handle holding options

Volk G4 (NF) 1.0x No 4 mirror lens, no fluid required Available in ring or handle holding options

Volk G3 1.06x Yes and no For angle and retinal examination Glass for highest quality imaging

Volk 3 Mirror ANF + 1.06x Yes For angle and retinal examination Proprietary flange does not require viscous fluid

Volk 3 Mirror 1.06x Yes For angle and retinal examination Acrylic for lighter weight

Volk Digital High Mag ® 1.3x 70° Slit Lamp Highest magnification of any slit Best in class posterior pole lenslamp lens

Volk Super 66 1.0x 96° Slit Lamp Great stereo views of the fundus 1.0x magnification great for disc evaluation and measurement

Volk Super Field .76x 116° Slit Lamp Pan retinal examination Superior field of view to standard 90D

Volk 90D .76x 89° Slit Lamp Classic high mag lens Great balance of field of view and magnification

Volk 78D .93x 97° Slit Lamp Classic general diagnostic lens Excellent for examination through small pupils

Volk Digital ClearField 2.79x 72° Binocular Indirect Ophthalmoscopy Highest resolution pan retinal lens Hybrid of the 20D and 28D lenses

COMPANY LENS MAGNIFICATION FLANGED USAGE FEATURES

Volk Digital High Mag ® 1.3x 70° Slit Lamp Highest magnification of any slit Best in class posterior pole lenslamp lens

Volk Super 66 1.0x 96° Slit Lamp Great stereo views of the fundus 1.0x magnification great for disc evaluation and measurement

Volk Super Field .76x 116° Slit Lamp Pan retinal examination Superior field of view to standard 90D

Volk 90D .76x 89° Slit Lamp Classic high mag lens Great balance of field of view and magnification

Volk 78D .93x 97° Slit Lamp Classic general diagnostic lens Excellent for examination through small pupils

Volk Digital ClearField 2.79x 72° Binocular Indirect Ophthalmoscopy Highest resolution pan retinal lens Hybrid of the 20D and 28D lenses

COMPANY LENS MAGNIFICATION FIELD OF VIEW APPLICATION USAGE FEATURES

Volk Digital High Mag ® 1.3x 70° Slit Lamp Highest magnification of any slit Best in class posterior pole lenslamp lens

Volk Super 66 1.0x 96° Slit Lamp Great stereo views of the fundus 1.0x magnification great for disc evaluation and measurement

Volk Super Field .76x 116° Slit Lamp Pan retinal examination Superior field of view to standard 90D

Volk 90D .76x 89° Slit Lamp Classic high mag lens Great balance of field of view and magnification

Volk 78D .93x 97° Slit Lamp Classic general diagnostic lens Excellent for examination through small pupils

Volk Digital ClearField 2.79x 72° Binocular Indirect Ophthalmoscopy Highest resolution pan retinal lens Hybrid of the 20D and 28D lenses
<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL</th>
<th>AREA OF FIELD</th>
<th>STIMULUS</th>
<th>STANDARDS TESTED</th>
<th>PRINTER</th>
<th>TEST STRATEGIES</th>
<th>ADDITIONAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tracey Technologies</td>
<td>iTrace Workstation</td>
<td>Infrared laser</td>
<td>Auto-capture</td>
<td>256 individual zones</td>
<td>2,209</td>
<td>true, yes</td>
<td>5-in-1 functionality includes central topography, auto-refraction and photometry. Also includes topography, digital detection of pupil position and the creation of patient records.</td>
</tr>
<tr>
<td>Topcon Medical Systems</td>
<td>KR-TW</td>
<td>Hartmann-Shack</td>
<td>Monochromatic wavefront, auto-capture</td>
<td>5-in-1 functionality</td>
<td>2,209</td>
<td>yes, yes</td>
<td>5-in-1 functionality includes central topography, auto-refraction and photometry. Also includes topography, digital detection of pupil position and the creation of patient records.</td>
</tr>
<tr>
<td>Troux Technologies</td>
<td>China Healthcare</td>
<td>Auto-capture</td>
<td>256 individual zones</td>
<td>10°</td>
<td>2,209</td>
<td>yes, yes</td>
<td>5-in-1 functionality includes central topography, auto-refraction and photometry. Also includes topography, digital detection of pupil position and the creation of patient records.</td>
</tr>
<tr>
<td>COMPANY</td>
<td>MODEL</td>
<td>STIMULI</td>
<td>AREA OF FIELD</td>
<td>STANDARD TESTS</td>
<td>PINTER</td>
<td>STRATEGIES</td>
<td>ADDITIONAL FEATURES</td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>----------------------------------------------------</td>
<td>---------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>DORSTOP</td>
<td>F10AB</td>
<td>Goldmann spherical point source, multiple intensity levels, 60°.</td>
<td>Glaucoma test</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>Automated follow-up system; Scalable; Latest software; Customizable customization to patient responses; Quality check reports; Can be integrated with electronic medical records.</td>
</tr>
<tr>
<td>NIDEK</td>
<td>MP-1</td>
<td>Goldmann spherical point source, multiple intensity levels, 60°.</td>
<td>Glaucoma test</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>Automated follow-up system; Scalable; Latest software; Customizable customization to patient responses; Quality check reports; Can be integrated with electronic medical records.</td>
</tr>
<tr>
<td>HAAG-STREIT</td>
<td>OCTO 3000</td>
<td>Goldmann spherical point source, multiple intensity levels, 60°.</td>
<td>Glaucoma test</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>Automated follow-up system; Scalable; Latest software; Customizable customization to patient responses; Quality check reports; Can be integrated with electronic medical records.</td>
</tr>
<tr>
<td>COSLOPS</td>
<td>iCare</td>
<td>Goldmann spherical point source, multiple intensity levels, 60°.</td>
<td>Glaucoma test</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>Automated follow-up system; Scalable; Latest software; Customizable customization to patient responses; Quality check reports; Can be integrated with electronic medical records.</td>
</tr>
<tr>
<td>LUXOTRON</td>
<td>Dual-Lux</td>
<td>Goldmann spherical point source, multiple intensity levels, 60°.</td>
<td>Glaucoma test</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>Automated follow-up system; Scalable; Latest software; Customizable customization to patient responses; Quality check reports; Can be integrated with electronic medical records.</td>
</tr>
<tr>
<td>GLACOMAX</td>
<td>G4-30B</td>
<td>Goldmann spherical point source, multiple intensity levels, 60°.</td>
<td>Glaucoma test</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>10-2, 24-2, 30-2; Custom test capabilities; Also includes 10-2, 24-2, 30-2</td>
<td>Automated follow-up system; Scalable; Latest software; Customizable customization to patient responses; Quality check reports; Can be integrated with electronic medical records.</td>
</tr>
</tbody>
</table>
### Solutions Division) BDT (Binocular Drivers Test), advanced review stations). Direct database back-up. Special ventilation system is used to keep...er, professional and legal services. Property insurance, professional liability, and coverage for personal injury and property damage. The policy limits and deductibles are adjusted annually. **Rental Income:** The rental income is generated from the lease agreement between the property owner and the tenant. The lease agreement specifies the rental terms, including the rent amount, rent payment schedule, and lease duration. **Maintenance and Repair:** The maintenance and repair costs are recorded to track the expenses related to the upkeep of the property. The expenses include repairs to the building, landscaping, and other necessary maintenance activities. **Utility Bills:** The utility bills include water, electricity, gas, and other utility services for the property. The bills are recorded to monitor the usage and costs associated with these services. **Insurance:** The insurance expenses for the property include property insurance and liability coverage. The policy limits and deductibles are adjusted annually. **Taxes:** The property taxes are recorded to track the expenses related to property ownership. **Total Expenses:** The total expenses include all the recorded costs associated with the property, including maintenance, repair, utility bills, insurance, and taxes. **Net Income:** The net income is calculated by subtracting the total expenses from the total income. **Cash Flow:** The cash flow is the net income generated from the property, which is used for further investment or distribution to the owner. **Current Ratio:** The current ratio is calculated by dividing the current assets by the current liabilities. It indicates the ability of the company to meet its short-term obligations. **Debt to Equity Ratio:** The debt to equity ratio is calculated by dividing the total debt by the total equity. It indicates the financial leverage of the company. **Leverage Ratio:** The leverage ratio is calculated by dividing the total debt by the total assets. It indicates the ability of the company to meet its long-term obligations. **Return on Investment (ROI):** The return on investment is calculated by dividing the net income by the total assets. It represents the profitability of the investment. The ROI is used to compare the performance of different investments.
### VectorVision Inc.
- **Model**: CSV-1000
- **Type**: Stand-alone
- **Features**: 8 to 4 meter choice; self-calibrated light
- **Standalone Light**: Yes
- **Wireless Remote Control**: Yes
- **Interchangeable Test Faces**: Yes
- **ADDITIONAL FEATURES**: Everything

### OCULUS Inc.
- **Model**: Mesotest II
- **Type**: Tests for mesopic vision and glare
- **Contrast Levels**: Without glare
- **Night Driving Vision Capability**: Requires (3°, surround illumination 0.1 cd/m²)
- **Additional Features**: Tests are carried out under normal contrast levels with motor-operated test procedures. All tests are mounted on a dust-protected, high-resolution, computer-controlled light instrument.

### COMPANY MODEL TYPE CONTRAST SENSITIVITY TESTS NETWORKING DISTANCE FOCUSING MECHANISM ADDITIONAL FEATURES

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL</th>
<th>RESOLUTION</th>
<th>PROCESSING TIME</th>
<th>NUMBER OF SUCCESSFUL ATTEMPTS</th>
<th>NUMBER OF CORNEAL POINTS</th>
<th>WORKING DISTANCE</th>
<th>FOCUSING PRINCIPLE</th>
<th>ADDITIONAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corneal Technologies Inc.</td>
<td>RT Technology</td>
<td>500 ms</td>
<td>Intraocular lens focus +1 sec</td>
<td>30</td>
<td>20,000</td>
<td>15 mm</td>
<td>Contact lens fitting, keratoconus detection, pupilometry, white to white (HVID) measurement</td>
<td>PathFinder II Corneal Analysis Software screens for 5 optional software: Refractive Software Package, Cataract Software Package, Contact Lens Fitting, the Holladay Report &amp; Zernike analysis. Optional software: Non-invasive Keratograph Break Up Time, Pupillometry, OxiMap®, Imaging.</td>
</tr>
<tr>
<td>Atlantic-Dubois</td>
<td>Pentacam ®</td>
<td>± 0.25D max.</td>
<td>2 sec</td>
<td>2 rings; 25,000 true 80 mm</td>
<td>Automatic focusing; The Pentacam ® is a rotating Scheimpflug camera system for anterior segment analysis. It measures topography &amp; elevation of the corneal surface.</td>
<td>10 mm</td>
<td>Contact lens fitting, keratoconus detection, pupilometry, white to white (HVID) measurement</td>
<td>PathFinder II Corneal Analysis Software screens for 5 optional software: Refractive Software Package, Cataract Software Package, Contact Lens Fitting, the Holladay Report &amp; Zernike analysis. Optional software: Non-invasive Keratograph Break Up Time, Pupillometry, OxiMap®, Imaging.</td>
</tr>
<tr>
<td>Atlantic-Dubois</td>
<td>Easygraph</td>
<td>± 0.20D</td>
<td>1 sec</td>
<td>2 rings; 22,000 true 40 mm</td>
<td>Automatic focusing; Exclusive “REAL” keratometer built in; image data transferred digitally to computer; Windows-compatible software; 3-D;</td>
<td>10 mm</td>
<td>Contact lens fitting, keratoconus detection, pupilometry, white to white (HVID) measurement</td>
<td>PathFinder II Corneal Analysis Software screens for 5 optional software: Refractive Software Package, Cataract Software Package, Contact Lens Fitting, the Holladay Report &amp; Zernike analysis. Optional software: Non-invasive Keratograph Break Up Time, Pupillometry, OxiMap®, Imaging.</td>
</tr>
<tr>
<td>Marco Ophthalmic</td>
<td>OPD-Scan III</td>
<td>High res</td>
<td>0.4 sec</td>
<td>33 vertical rings; 11,800 measured 75 mm</td>
<td>XYZ axis fully labeled; Diopter range is on CT 33.75 to 67.5 D; 0.5 to 11 mm; more than 11,800 data points; 33 rings, blue light. Includes axial, corneal wavefront mapping clearly displays corneal spherical aberration and low and high order aberrations that can be detected using standard topography software.</td>
<td>10 mm</td>
<td>Contact lens fitting, keratoconus detection, pupilometry, white to white (HVID) measurement</td>
<td>PathFinder II Corneal Analysis Software screens for 5 optional software: Refractive Software Package, Cataract Software Package, Contact Lens Fitting, the Holladay Report &amp; Zernike analysis. Optional software: Non-invasive Keratograph Break Up Time, Pupillometry, OxiMap®, Imaging.</td>
</tr>
<tr>
<td>EyeSys Instruments Inc.</td>
<td>Vista Portable</td>
<td>High res</td>
<td>21 sec</td>
<td>9,360 true 12.5 mm</td>
<td>Digital design - no moving parts. Automatic video topographer.</td>
<td>10 mm</td>
<td>Contact lens fitting, keratoconus detection, pupilometry, white to white (HVID) measurement</td>
<td>PathFinder II Corneal Analysis Software screens for 5 optional software: Refractive Software Package, Cataract Software Package, Contact Lens Fitting, the Holladay Report &amp; Zernike analysis. Optional software: Non-invasive Keratograph Break Up Time, Pupillometry, OxiMap®, Imaging.</td>
</tr>
<tr>
<td>EyeQuip</td>
<td>Piccolo</td>
<td>&lt; 1 micron</td>
<td>&lt; 3 sec</td>
<td>28 measured &lt;10 mm</td>
<td>Patented infrared Corneal wavefront mapping clearly displays corneal spherical aberration and low and high order aberrations that can be detected using standard topography software.</td>
<td>10 mm</td>
<td>Contact lens fitting, keratoconus detection, pupilometry, white to white (HVID) measurement</td>
<td>PathFinder II Corneal Analysis Software screens for 5 optional software: Refractive Software Package, Cataract Software Package, Contact Lens Fitting, the Holladay Report &amp; Zernike analysis. Optional software: Non-invasive Keratograph Break Up Time, Pupillometry, OxiMap®, Imaging.</td>
</tr>
<tr>
<td>Carl Zeiss Meditec AG</td>
<td>Visante omni</td>
<td>0.01D; 35 ms capture time</td>
<td>350 thousands 47 mm</td>
<td>V-Trac ™ Only combined Placido + OCT system for anterior and posterior corneal topography including the Holladay Report; complete anterior corneal wavefront high-order aberration map, corneal wavefront map, Holladay &amp; Zernike analysis.</td>
<td>10 mm</td>
<td>Contact lens fitting, keratoconus detection, pupilometry, white to white (HVID) measurement</td>
<td>PathFinder II Corneal Analysis Software screens for 5 optional software: Refractive Software Package, Cataract Software Package, Contact Lens Fitting, the Holladay Report &amp; Zernike analysis. Optional software: Non-invasive Keratograph Break Up Time, Pupillometry, OxiMap®, Imaging.</td>
<td></td>
</tr>
<tr>
<td>Vision, Inc.</td>
<td>CT dependent through focus stream exam acquisition. Map options include axial, tangential, elevation, corneal wavefront high-order aberration s map, Holladay &amp; Zernike analysis.</td>
<td>10 mm</td>
<td>Contact lens fitting, keratoconus detection, pupilometry, white to white (HVID) measurement</td>
<td>PathFinder II Corneal Analysis Software screens for 5 optional software: Refractive Software Package, Cataract Software Package, Contact Lens Fitting, the Holladay Report &amp; Zernike analysis. Optional software: Non-invasive Keratograph Break Up Time, Pupillometry, OxiMap®, Imaging.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**CORNEAL TOPOGRAPHERS**

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL DESCRIPTION</th>
<th>RESOLUTION</th>
<th>TIME OF RINGS</th>
<th>NUMBER OF WORKING DISTANCE</th>
<th>FEEDING-MECHANISM</th>
<th>PORTABILITY</th>
<th>ADDITIONAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ziemer</td>
<td>GALILEI G4™</td>
<td>+/- 0.1D</td>
<td>1-2 seconds</td>
<td>20 mm</td>
<td>Computer-aided 3D</td>
<td>100 milliseconds</td>
<td>Ocular Response noncontact 0 to 60 mmHg automatic tabletop/instrument Measures IOP &amp; Corneal Hysteresis (CH), the world's first indicator of corneal biomechanics &amp; IOPcc (corneal compensated intraocular pressure).</td>
</tr>
<tr>
<td>Tracey</td>
<td>iTrace Workstation</td>
<td>.01 diopter/ instant</td>
<td>25 &amp; 31 seconds</td>
<td>50 mm</td>
<td>Laser vertex</td>
<td>5-in-1 functionality including ray tracing, wavefront aberrometry, multi-zone auto refraction, auto-keratometry, pupillometry, topography and more.</td>
<td></td>
</tr>
<tr>
<td>Tomey USA</td>
<td>TMS-4</td>
<td>800 x 600 pixels</td>
<td>3 seconds</td>
<td>25 &amp; 31</td>
<td>Joystick</td>
<td>Spherical equivalent, regular astigmatism, asymmetry &amp; higher-order alignment; provides refractive information with 3-mm &amp; 4-mm diameter wavefront aberrometry, corneal power distribution, automatic chamber angle measurement in 360º, chamber depth &amp; volume, HWTW, and the housing is 100% dustproof. Available with digital image capabilities and software.</td>
<td></td>
</tr>
<tr>
<td>Medmont</td>
<td>E300</td>
<td>&lt;1 micron</td>
<td>&lt;1 second</td>
<td>25 &amp; 31</td>
<td>Joystick with auto-capture</td>
<td>The Medmont E300 is operated by a separate laptop, making it a powerful and highly integrated system. The auto-capture options include Keratoconus screening. 100% dust-proof. Guaranteed for life.</td>
<td></td>
</tr>
<tr>
<td>S4OPTIK</td>
<td>MODI 2</td>
<td>+/- 0.03D</td>
<td>&lt;3 seconds</td>
<td>25 &amp; 31</td>
<td>Joystick</td>
<td>The software includes 4 simultaneous images. Using the “Composite Eye” function, 100% of the visible iris can be imaged &amp; analyzed. The software includes a wide variety of analysis &amp; disease detection options &amp; the contact lenses of the periphery can be imaged &amp; analyzed.</td>
<td></td>
</tr>
<tr>
<td>Oculin</td>
<td>Pentacam® HR</td>
<td>+/- 0.1D</td>
<td>1 second</td>
<td>no rings; 138,000 true</td>
<td>Automatic focusing</td>
<td>The Pentacam® HR is a high-resolution rotating Scheimpflug camera system for anterior segment analysis. It provides high-resolution images of the cornea in dry conditions, in vivo, in dark conditions, and for corneal biomechanics evaluation.</td>
<td></td>
</tr>
<tr>
<td>Technologies</td>
<td>Visual Functional</td>
<td>1 micron enabled by EyeSys Vision</td>
<td>25 &amp; 31</td>
<td>5120</td>
<td>Laser vertex</td>
<td>Provides corneal spherical aberration measurement for IOL selection, measures IOL and keratometric powers at 3-mm &amp; 4-mm diameter wavefront aberrometry, corneal power distribution, and the housing is 100% dustproof. Guaranteed for life.</td>
<td></td>
</tr>
<tr>
<td>Unbekannt</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**BIOSCIENTIFIC**

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL DESCRIPTION</th>
<th>SPOT SIZE</th>
<th>FILTERS</th>
<th>FEWER SUBJ</th>
<th>PERMEABILITY</th>
<th>ADDITIONAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heine</td>
<td>OMEGA 2C</td>
<td>small, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>OMEGA 100</td>
<td>medium, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>SIGMA 150</td>
<td>small, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>OMEGA 500</td>
<td>medium, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>OMEGA 1000 Upgradable</td>
<td>medium, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>OMEGA 1000</td>
<td>medium, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
</tbody>
</table>

**CORNEAL BIOMECHANICS**

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL DESCRIPTION</th>
<th>SPOT SIZE</th>
<th>FILTERS</th>
<th>FEWER SUBJ</th>
<th>PERMEABILITY</th>
<th>ADDITIONAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heine</td>
<td>OMEGA 2C</td>
<td>small, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>OMEGA 100</td>
<td>medium, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>SIGMA 150</td>
<td>small, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>OMEGA 500</td>
<td>medium, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>OMEGA 1000 Upgradable</td>
<td>medium, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>OMEGA 1000</td>
<td>medium, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
</tbody>
</table>

**CENGEBIOSUN**

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL DESCRIPTION</th>
<th>SPOT SIZE</th>
<th>FILTERS</th>
<th>FEWER SUBJ</th>
<th>PERMEABILITY</th>
<th>ADDITIONAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heine</td>
<td>OMEGA 2C</td>
<td>small, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>OMEGA 100</td>
<td>medium, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>SIGMA 150</td>
<td>small, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>OMEGA 500</td>
<td>medium, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>OMEGA 1000 Upgradable</td>
<td>medium, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
<tr>
<td>Heine</td>
<td>OMEGA 1000</td>
<td>medium, large</td>
<td>integrated wavefront</td>
<td>&lt;1 diopter</td>
<td>25 &amp; 31</td>
<td>Portable Power Pack, Available with Xenon or LED illumination, each with 90+ CRI Rating for accurate color rendering. 100% dust-proof. Guaranteed for life.</td>
</tr>
</tbody>
</table>
### COMPANY MODEL TYPE SPOT SIZE FILTERS PRIMARY SOURCE FERTILITY ADDITIONAL FEATURES

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL</th>
<th>TYPE</th>
<th>SPOT SIZE</th>
<th>FILTERS</th>
<th>PRIMARY SOURCE</th>
<th>FERTILITY</th>
<th>ADDITIONAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>International</td>
<td>PLH80</td>
<td>@ 500 mm Li-ion cells &amp; battery travel case</td>
<td>extremely bright 70,000 LUX</td>
<td>and with fully adjustable Flip Up /Down and forward/</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carl Zeiss</td>
<td>VISUPAC Digital Imaging</td>
<td>digital imaging and 50°, 30°, 20° yes 3 digital sensors in n/a</td>
<td>import, store Digital Image Capture System based on relational database for complete image management, documentation,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canon Healthcare</td>
<td>CX-1</td>
<td>hybrid mydriatic/non-mydriatic 50° (mydriatic) yes</td>
<td>digital n/a</td>
<td>n/a</td>
<td>One touch selection between mydriatic and non-mydriatic mode; mydriatic and non-mydriatic fundus autofluorescence</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canon Healthcare</td>
<td>CF-1</td>
<td>mydriatic digital 50° yes</td>
<td>digital n/a</td>
<td>n/a</td>
<td>Small-diameter mode; color photography; red free photography; fluorescein angiography (FA); proprietary control</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canon Healthcare</td>
<td>CR-2 PLUS</td>
<td>non-mydriatic retinal 45° optical with 2x not 1 USB observation: infrared 3.0 inch LCD 18 MP , Fundus Autofluorescence (FAF) and color photography with digital red-free and digital cobalt photography, small</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tech Optics</td>
<td>PLW25X</td>
<td>Galilean 90 mm n/a yes, optional #PLH60CO yes, includes Vision Waterproof Loupe on Platinum Frame includes side shields and can accept an Rx. Also</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tech Optics</td>
<td>PLW2.5X</td>
<td>Galilean 90 mm n/a yes, optional #PLH60CO yes, includes Vision Waterproof Loupes on Safety glasses meets ANSI Z-87.1+ safety requirements and</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tech Optics</td>
<td>Task Vision</td>
<td>Galilean 90 mm n/a yes, part of PLH80 yes, includes Attach to LED Headlight #PLH80. Telescope loupes are dust resistant and waterproof to</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tech Optics</td>
<td>Task Vision LED Headlight</td>
<td>20 - 100 mm n/a rechargeable Polymer yes, includes This system can be worn over prescription, safety or laser safety glasses. The LED Headlight</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tech Optics</td>
<td>Task-Vision #227, Distance telescopic monoculy or clear coated optional Bright Star LED 35k LUX yes, wireless lithium</td>
<td>Can be worn over prescription, safety or laser safety glasses or as spectacles; lightweight.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keeler Instruments</td>
<td>Vantage Plus headmount with Intelligent optical system coated UV/safety filtered, 2nd generation slimline wireless yes, 2 lithium ion</td>
<td>Convertible illumination from natural LED to Xenon standard. IOS optics with single-step</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meditec</td>
<td>Imaging and Archive</td>
<td>archive management system in multiple configurations; USB and external ports</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Glass</td>
<td>WIRING</td>
<td>full-feature fundus camera with coil rect, oval and round back-up, must be hard-wired and fast-track technology, European for human</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Glass</td>
<td>MYSIS</td>
<td>full-feature fundus camera with coil rect, oval and round back-up, must be hard-wired and fast-track technology, European for human</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Glass</td>
<td>MYSIS</td>
<td>full-feature fundus camera with coil rect, oval and round back-up, must be hard-wired and fast-track technology, European for human</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Glass</td>
<td>MYSIS</td>
<td>full-feature fundus camera with coil rect, oval and round back-up, must be hard-wired and fast-track technology, European for human</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Glass</td>
<td>MYSIS</td>
<td>full-feature fundus camera with coil rect, oval and round back-up, must be hard-wired and fast-track technology, European for human</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Glass</td>
<td>MYSIS</td>
<td>full-feature fundus camera with coil rect, oval and round back-up, must be hard-wired and fast-track technology, European for human</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Glass</td>
<td>MYSIS</td>
<td>full-feature fundus camera with coil rect, oval and round back-up, must be hard-wired and fast-track technology, European for human</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Glass</td>
<td>MYSIS</td>
<td>full-feature fundus camera with coil rect, oval and round back-up, must be hard-wired and fast-track technology, European for human</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMPANY</td>
<td>MODEL</td>
<td>TYPE</td>
<td>FIELD OF VIEW</td>
<td>FLASH</td>
<td>IMAGE CAPACITY</td>
<td>ADDITIONAL FEATURES</td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-------</td>
<td>------</td>
<td>--------------</td>
<td>------</td>
<td>---------------</td>
<td>-------------------</td>
<td></td>
</tr>
<tr>
<td>Sonomed</td>
<td>E6 Single</td>
<td>Digital conversion of any</td>
<td>yes</td>
<td>n/a</td>
<td>n/a</td>
<td>Digital imaging for most mydriatic fundus camera; 6 MP CCR sensor for excellent image quality in a single viewing.</td>
<td></td>
</tr>
<tr>
<td>Nidek, Inc.</td>
<td>F-10 retinal imaging digital</td>
<td>40º (24 x 32)</td>
<td>yes, FA &amp; IA export function</td>
<td>n/a</td>
<td>n/a</td>
<td>Dual display mode; 4-Wavelength confocal laser imaging featuring a blue laser for auto-fluorescence. Streamlining video at 27 fps allows for continuous imaging.</td>
<td></td>
</tr>
<tr>
<td>Kowa</td>
<td>VX-10(a) compact tabletop; mydriatic: 50°/30°</td>
<td>yes</td>
<td>2 primary ports; Upper = n/a no still; LCD monitor for alignment and focusing; small-pupil mode; preset flash exposures; color photography; nonmydriatic color photography; non-contact, widefield lens transfers to PC.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kowa</td>
<td>nonMyd 7 compact</td>
<td>tabletop; nonmydriatic</td>
<td>yes</td>
<td>1-6.1 n/a no still; LCD monitor for alignment and focusing; small-pupil mode; preset flash exposures; nonmydriatic color photography; non-contact, widefield lens transfers to PC.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Optomed Inc.</td>
<td>Alpha-D III nonmydriatic color</td>
<td>45°/30° 2.0</td>
<td>digital interface</td>
<td>digital only</td>
<td>Color photography; fluorescein angiography (FA) photography; red-free photography; camera has internal working distance and 2 x LED guided Display image size feeder vessel identification for advanced diagnostics. Color fundus imaging improves diagnosis includes split-screen camera images from different modalities.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Optomed Inc.</td>
<td>Two-in-One mydriatic; nonmydriatic</td>
<td>nonmydriatic: digital interface/35 mm</td>
<td>digital only</td>
<td>photography; fluorescein angiography (FA) photography; red-free photography; camera has internal working distance and 2 x LED guided Display image size feeder vessel identification for advanced diagnostics. Color fundus imaging improves diagnosis includes split-screen camera images from different modalities.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meditec</td>
<td>digital fundus camera</td>
<td>130° 1 primary; tight spaces and transported to affiliate hospitals. The Shuttle system enables on-site or remote documentation. Compatible with Topcon’s Synergy Ophthalmic Data Management System.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Retinal Cameras**

- **Sonomed E6 Dual**
  - Digital conversion of any
  - 20º - 40º, 120º, 130º
  - 1 micro 1.5 primary
  - 1 show test port
  - no flash
  - yes
- **Optomed Inc.**
  - handheld Fundus Camera
  - 60º (36 x 48)
  - with automatic image
  - 2 x LED-guided Display image size feeder vessel identification for advanced diagnostics. Color fundus imaging improves diagnosis includes split-screen camera images from different modalities. |
- **Ultrasound Medical Systems**
  - Echocam 3
    - Digital conversion of any
    - 20º - 40º, 120º
    - 1 show test port
    - no flash
    - yes
  - **Sonomed Wireless**
    - Digital conversion of any
    - 40º - 60º
    - n/a
    - no
  - **Corinne Incorporated**
    - DRS
      - 45º x 45º
      - N/A
      - yes
      - Digital imaging for most mydriatic fundus cameras.
    - **Escallon**
      - mydriatic fundus camera
      - 45º-60º
      - 2 micro
      - 1 show test port
      - no flash
      - yes
- **Systems**
  - 20º-40º
  - 1 primary; tight spaces and transported to affiliate hospitals. The Shuttle system enables on-site or remote documentation. Compatible with Topcon’s Synergy Ophthalmic Data Management System. |
- **Retina Systems**
  - 20º-40º
  - 1 primary; tight spaces and transported to affiliate hospitals. The Shuttle system enables on-site or remote documentation. Compatible with Topcon’s Synergy Ophthalmic Data Management System. |
- **Optomed Inc.**
  - Handheld Fundus Camera
  - 60º (36 x 48)
  - with automatic image
  - 2 x LED-guided Display image size feeder vessel identification for advanced diagnostics. Color fundus imaging improves diagnosis includes split-screen camera images from different modalities. |

**Retinal Cameras**

- **Sonomed E6 Dual**
  - Digital conversion of any
  - 20º - 40º, 120º, 130º
  - 1 micro 1.5 primary
  - 1 show test port
  - no flash
  - yes
- **Optomed Inc.**
  - handheld Fundus Camera
  - 60º (36 x 48)
  - with automatic image
  - 2 x LED-guided Display image size feeder vessel identification for advanced diagnostics. Color fundus imaging improves diagnosis includes split-screen camera images from different modalities. |
- **Ultrasound Medical Systems**
  - Echocam 3
    - Digital conversion of any
    - 20º - 40º, 120º
    - 1 show test port
    - no flash
    - yes
  - **Sonomed Wireless**
    - Digital conversion of any
    - 40º - 60º
    - n/a
    - no
  - **Corinne Incorporated**
    - DRS
      - 45º x 45º
      - N/A
      - yes
      - Digital imaging for most mydriatic fundus cameras.
    - **Escallon**
      - mydriatic fundus camera
      - 45º-60º
      - 2 micro
      - 1 show test port
      - no flash
      - yes
- **Systems**
  - 20º-40º
  - 1 primary; tight spaces and transported to affiliate hospitals. The Shuttle system enables on-site or remote documentation. Compatible with Topcon’s Synergy Ophthalmic Data Management System. |
- **Retina Systems**
  - 20º-40º
  - 1 primary; tight spaces and transported to affiliate hospitals. The Shuttle system enables on-site or remote documentation. Compatible with Topcon’s Synergy Ophthalmic Data Management System. |
- **Optomed Inc.**
  - Handheld Fundus Camera
  - 60º (36 x 48)
  - with automatic image
  - 2 x LED-guided Display image size feeder vessel identification for advanced diagnostics. Color fundus imaging improves diagnosis includes split-screen camera images from different modalities. |

**Retinal Cameras**

- **Sonomed E6 Dual**
  - Digital conversion of any
  - 20º - 40º, 120º, 130º
  - 1 micro 1.5 primary
  - 1 show test port
  - no flash
  - yes
- **Optomed Inc.**
  - handheld Fundus Camera
  - 60º (36 x 48)
  - with automatic image
  - 2 x LED-guided Display image size feeder vessel identification for advanced diagnostics. Color fundus imaging improves diagnosis includes split-screen camera images from different modalities. |
- **Ultrasound Medical Systems**
  - Echocam 3
    - Digital conversion of any
    - 20º - 40º, 120º
    - 1 show test port
    - no flash
    - yes
  - **Sonomed Wireless**
    - Digital conversion of any
    - 40º - 60º
    - n/a
    - no
  - **Corinne Incorporated**
    - DRS
      - 45º x 45º
      - N/A
      - yes
      - Digital imaging for most mydriatic fundus cameras.
    - **Escallon**
      - mydriatic fundus camera
      - 45º-60º
      - 2 micro
      - 1 show test port
      - no flash
      - yes
- **Systems**
  - 20º-40º
  - 1 primary; tight spaces and transported to affiliate hospitals. The Shuttle system enables on-site or remote documentation. Compatible with Topcon’s Synergy Ophthalmic Data Management System. |
- **Retina Systems**
  - 20º-40º
  - 1 primary; tight spaces and transported to affiliate hospitals. The Shuttle system enables on-site or remote documentation. Compatible with Topcon’s Synergy Ophthalmic Data Management System. |
- **Optomed Inc.**
  - Handheld Fundus Camera
  - 60º (36 x 48)
  - with automatic image
  - 2 x LED-guided Display image size feeder vessel identification for advanced diagnostics. Color fundus imaging improves diagnosis includes split-screen camera images from different modalities. |

**Retinal Cameras**

- **Sonomed E6 Dual**
  - Digital conversion of any
  - 20º - 40º, 120º, 130º
  - 1 micro 1.5 primary
  - 1 show test port
  - no flash
  - yes
- **Optomed Inc.**
  - handheld Fundus Camera
  - 60º (36 x 48)
  - with automatic image
  - 2 x LED-guided Display image size feeder vessel identification for advanced diagnostics. Color fundus imaging improves diagnosis includes split-screen camera images from different modalities. |
- **Ultrasound Medical Systems**
  - Echocam 3
    - Digital conversion of any
    - 20º - 40º, 120º
    - 1 show test port
    - no flash
    - yes
  - **Sonomed Wireless**
    - Digital conversion of any
    - 40º - 60º
    - n/a
    - no
  - **Corinne Incorporated**
    - DRS
      - 45º x 45º
      - N/A
      - yes
      - Digital imaging for most mydriatic fundus cameras.
    - **Escallon**
      - mydriatic fundus camera
      - 45º-60º
      - 2 micro
      - 1 show test port
      - no flash
      - yes
- **Systems**
  - 20º-40º
  - 1 primary; tight spaces and transported to affiliate hospitals. The Shuttle system enables on-site or remote documentation. Compatible with Topcon’s Synergy Ophthalmic Data Management System. |
- **Retina Systems**
  - 20º-40º
  - 1 primary; tight spaces and transported to affiliate hospitals. The Shuttle system enables on-site or remote documentation. Compatible with Topcon’s Synergy Ophthalmic Data Management System. |
## RETINAL CAMERAS

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL</th>
<th>TYPE OF LASER</th>
<th>FIELD OF VIEW</th>
<th>AREA OF RETINA ANALYZED</th>
<th>ADDED FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heidelberg</td>
<td>SPECTRALIS ® HRA Confocal scanning 55°, 35°, 30°, 25°, posterior pole &amp; wide-</td>
<td>Displays infrared, red-free, fundus</td>
<td>The SPECTRALIS® HRA is optimized to match the peak excitation of fluorescein &amp; CG, and can image both</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heidelberg</td>
<td>OCT Confocal scanning 30°, 20°, 15° retinal layers, RNFL, Displays infrared, fundus autofluorescence,</td>
<td>The SPECTRALIS® OCT is a unique ophthalmic diagnostic imaging device used primarily to examine the</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bioptigen, Inc.</td>
<td>HHP SDOCT, 840 nm SLD, standard 2° x 2°-70° x 70° Full retinal thickness</td>
<td>The HHP SDOCT provides high-resolution, high-speed SDOCT imaging in a hand-held, robust, and easily transportable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meditec</td>
<td>GaAlAs laser parameters; TSNIT graph; quality score; patient &amp; independent; has intuitive printout; no dilation required; less sensitive to variations in disc size than other</td>
<td>provides angle visualization &amp; central corneal thickness measurement. Anterior segment &amp; cornea.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carl Zeiss</td>
<td>Stratus OCT 820 nm 26° vertical Macula and retinal</td>
<td>Objective RNFL &amp; retinal thickness; normative Provides direct cross-sectional images &amp; retinal measurements; images &amp; analyzes macular thickness, retinal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carl Zeiss</td>
<td>Cirrus HD-OCT 840 nm 36° x 30° Macula and retinal</td>
<td>Macula cube scan provides: high resolution image; 3D layer CIRRUS 5000 creates a SmartCubeTM of millions of data points. FastTracTM retinal tracking reduces eye motion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PedoTech</td>
<td>FIT system for imaging mouse or rat models. Unique small-animal imaging mount enables high throughput imaging of mouse &amp; rat models with rapid, accurate alignment every time. All benefits of HHP SDOCT Adult Retina system plus solutions for preclinical research. Optional accessories include the telecentric cornea bore, HHP microscope base, and chin-rest mounted scanner.</td>
<td>On-screen calipers provide manual distance measurements. Open access to both raw and processed data. Optional accessories include the telecentric cornea bore, HHP microscope base, and chin-rest mounted scanner.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## RETINAL SCANNERS

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL</th>
<th>TYPE OF LASER</th>
<th>FIELD OF VIEW</th>
<th>AREA OF RETINA ANALYZED</th>
<th>ADDED FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meditec</td>
<td>GaAlAs laser parameters; TSNIT graph; quality score; patient &amp; independent; has intuitive printout; no dilation required; less sensitive to variations in disc size than other</td>
<td>provides angle visualization &amp; central corneal thickness measurement. Anterior segment &amp; cornea.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carl Zeiss</td>
<td>Stratus OCT 820 nm 26° vertical Macula and retinal</td>
<td>Objective RNFL &amp; retinal thickness; normative Provides direct cross-sectional images &amp; retinal measurements; images &amp; analyzes macular thickness, retinal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carl Zeiss</td>
<td>Cirrus HD-OCT 840 nm 36° x 30° Macula and retinal</td>
<td>Macula cube scan provides: high resolution image; 3D layer CIRRUS 5000 creates a SmartCubeTM of millions of data points. FastTracTM retinal tracking reduces eye motion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PedoTech</td>
<td>FIT system for imaging mouse or rat models. Unique small-animal imaging mount enables high throughput imaging of mouse &amp; rat models with rapid, accurate alignment every time. All benefits of HHP SDOCT Adult Retina system plus solutions for preclinical research. Optional accessories include the telecentric cornea bore, HHP microscope base, and chin-rest mounted scanner.</td>
<td>On-screen calipers provide manual distance measurements. Open access to both raw and processed data. Optional accessories include the telecentric cornea bore, HHP microscope base, and chin-rest mounted scanner.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

*Disclaimer: The information provided is for educational purposes only and should not be used as a substitute for professional medical advice.*
Optovue, Inc. RTVue Premier 840 nm 46° on Pachymetry map, Stunning, high-resolution B-scans from line and cross line Optovue exclusively offers the Ganglion Cell Complex (GCC®) Analysis for greater confidence in.

Optos 200Dx scanning laser technology 200° central pole & periphery, Image enhancements such as magnifier; individual laser. The 200Dx offers ultra-widefield & central pole retinal imaging with enhanced image quality as well as a.

i-Optics EasyScan       confocal scanning laser macula & peripheral retina inner & outer retinal. Fast, easy & affordable ... (SLO) Fast, easy and affordable high resolution (SLO) retinal imaging. True zero-dilation from 2 mm pupils, patient-

Heidelberg SPECTRALIS ® Confocal scanning 55°, 35°, 30°, 25°, retinal layers, RNFL, Displays infrared, red-free, fundus autofluorescence, The MultiColor imaging capability simultaneously combines three laser wavelengths to produce high contrast images. Pinpoint Registration™ allows...

Spiral acut™ OCT-4D+ 30° (P) green (532 nm) lasers ocular pathology & systemic disease. green 532nm Live viewing of the retina. Also very suitable for large volumes, telediagnosis and mobile practices. Weighs just under 7 lbs. & opens up high-end care to patients all over the world. www.i-optics.com/easyscan
<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL</th>
<th>MEASUREMENT</th>
<th>TYPE</th>
<th>ALIGNMENT</th>
<th>PORTABILITY</th>
<th>WEIGHT</th>
<th>OPTIONS</th>
<th>SPECIAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topcon Medical</td>
<td>CT-80</td>
<td>noncontact</td>
<td>0-60 mmHg</td>
<td>manual</td>
<td>portable</td>
<td>12 lbs.</td>
<td>auto measurement, digital display, built-in printer</td>
<td>triple safety function</td>
</tr>
<tr>
<td>Reichert</td>
<td>Reichert® 7 Auto</td>
<td>noncontact</td>
<td>7-60 mmHg</td>
<td>automatic</td>
<td>tabletop/instrument</td>
<td>internal printer</td>
<td>Easy-to-use touch-screen interface. Softest puff in the industry, full auto-alignment and 1-touch operation.</td>
<td></td>
</tr>
<tr>
<td>Reichert Technologies</td>
<td>CT210 Applanation Tonometer</td>
<td>applanation</td>
<td>0-80 mmHg</td>
<td>manual</td>
<td>slit lamp mounted</td>
<td>Fits most compact-type slit lamps.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reichert Technologies</td>
<td>CT100 Applanation Tonometer</td>
<td>applanation</td>
<td>0-80 mmHg</td>
<td>manual</td>
<td>slit lamp mounted</td>
<td>Fits most tower-type slit lamps.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OCULUS Inc.</td>
<td>Corvis® STL</td>
<td>non-contact</td>
<td>6-60 mmHg</td>
<td>automatic</td>
<td>approx. 13.2 lbs.</td>
<td>n/a</td>
<td>High-speed camera that captures more than 4000 images per second. Based on the deformation video, the IOP &amp; corneal biomechanics can be measured.</td>
<td></td>
</tr>
<tr>
<td>Marco</td>
<td>NT-510</td>
<td>noncontact</td>
<td>0-60 mmHg</td>
<td>manual</td>
<td>desk or handheld unit (42 lbs.)</td>
<td>printer, rechargeable</td>
<td>Advanced soft-air pulse control; automatic safety lock.</td>
<td></td>
</tr>
<tr>
<td>Marco</td>
<td>M3</td>
<td>noncontact</td>
<td>0-60 mmHg</td>
<td>manual</td>
<td>desk or handheld unit</td>
<td>Softer air puff; measures pupil size &amp; corneal size; autorefractor/keratometer, adjustable monitor; motorized table.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kowa</td>
<td>KT-800 Noncontact</td>
<td>noncontact</td>
<td>0-60 mmHg</td>
<td>automatic</td>
<td>tabletop/instrument</td>
<td>optional 3x long eye relief</td>
<td>3-D auto alignment function; soft airflow, no measurement range switching; eyelid obstruction detection.</td>
<td></td>
</tr>
<tr>
<td>Keeler</td>
<td>Pulsair IntelliPuff</td>
<td>noncontact</td>
<td>5-50 mmHg</td>
<td>manual</td>
<td>handheld/portable/wall mountable or desktop</td>
<td>No consumables (LED illumination); smallest footprint; easy-to-use; soft puff technology &amp; built-in printer.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AIT Industries</td>
<td>FT-1000</td>
<td>noncontact</td>
<td>0-60 mmHg</td>
<td>automatic</td>
<td>45 lbs.</td>
<td>n/a</td>
<td>High speed measurement - up to 3 air pulses at 0.1 seconds each, touch-screen alignment. 13.5 inch monitor for optimal visibility. Interfaces with EPIC, TRS, &amp; CornealMap.</td>
<td></td>
</tr>
<tr>
<td>AIT Industries</td>
<td>TU-100</td>
<td>applanation</td>
<td>0-80 mmHg</td>
<td>manual</td>
<td>slit lamp mounted</td>
<td>Fits on compact style slit lamps.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accutome</td>
<td>Accupen Handheld</td>
<td>contact</td>
<td>5-60 mmHg</td>
<td>manual</td>
<td>handheld, portable</td>
<td>3.0 oz</td>
<td>Ergonomic design with gravity offset technology, providing accurate IOP measurements and no calibration needed.</td>
<td></td>
</tr>
<tr>
<td>Systems</td>
<td>Tonometer R type</td>
<td>automatic</td>
<td>0.69 kg</td>
<td>to the top of the optical body.</td>
<td>instrument</td>
<td>dual sensor system &amp; 30% faster interval time.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**BRIGHTNESS, ACUITY TESTING**

**Tonometers & Blood Flow Analyzers**

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>MODEL</th>
<th>ILLUMINATION</th>
<th>OPTICS</th>
<th>CALIBRATION</th>
<th>GLARE STIMULUS</th>
<th>ADDITIONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ziemer Ophthalmic</td>
<td>PASCAL Dynamic Contour</td>
<td>hand-held</td>
<td>1 to 200 mmHg</td>
<td>manual slit lamp-mounted; wireless printer; carrying case</td>
<td>Provides highly accurate IOP; Ocular Pulse Amplitude &amp; Quality score; IOP not affected by corneal biomechanics.</td>
<td></td>
</tr>
<tr>
<td>Woodlyn Inc.</td>
<td>#44000 R900</td>
<td>applanation/Goldmann</td>
<td>0-80 mmHg</td>
<td>manual</td>
<td>about 18 kg</td>
<td>Optional adjustable Built-in video camera &amp; monitor; auto measurement, digital display &amp; built-in printer; triple safety function; small, lightweight design.</td>
</tr>
<tr>
<td>Reichert Technologies</td>
<td>CT210 Applanation Tonometer</td>
<td>applanation</td>
<td>0-80 mmHg</td>
<td>manual</td>
<td>slit lamp mounted</td>
<td>Fits most compact-type slit lamps.</td>
</tr>
<tr>
<td>Reichert Technologies</td>
<td>CT100 Applanation Tonometer</td>
<td>applanation</td>
<td>0-80 mmHg</td>
<td>manual</td>
<td>slit lamp mounted</td>
<td>Fits most tower-type slit lamps.</td>
</tr>
</tbody>
</table>
Acceptance
800-379-2030
610-897-2411 (Fax)
www.acctome.com

A.I.T Industries
800-789-1959
www.aitsources.com

AMA Optics Inc.
877-744-3937
www.amaoptics.com

Bioptigen, Inc.
919-314-5500
sdoct@bioptigen.com

Canon Healthcare Solutions Division
Business Imaging Solution Group
Canon U.S.A., Inc.
800-970-7227
ecsales@cusa.canon.com

Carl Zeiss Meditec, Inc.
800-342-9821
925-557-4100
925-557-4101 (Fax)
info@meditec.zeiss.com

Clarity Medical Systems Inc.
800-215-6005
925-463-7984
925-251-0078 (Fax)
ussales@retcam.com

CenterVue Inc.
408-988-8404
408-716-3271 (Fax)
infous@centervue.com

DGH Technology Inc.
800-772-3883
610-594-0390 (Fax)
info@dghkoi.com

Ellex Inc.
800-824-7444
sales.us@ellex.com

Escalon Digital Solutions
(A Subsidiary of Escalon Medical Corp)
800-676-0043
www.escalondigitalsolutions.com

EyeQuip
877-393-8676
info@eyequip.com

EyeSysVision Inc.
281-885-3800
281-749-8139 (Fax)
info@eyesys.com

Haag-Streit USA
800-787-5426
sjuenger@haag-streit-usa.com

HAI Laboratories, Inc.
800-331-7389
847-952-0045 (Fax)
woody@woodlynintl.com

Heidelberg Engineering Inc.
760-774-9005
760-776-7310 (Fax)
contact@NorthAmericanHeidelbergEngineering.com

Heine
866-857-5872
service@heine-na.com

Icare USA
609-827-7913
www.icaretonometer.com

Icare USA
888-422-7313
www.icaretonometer.com

Keeler Instruments
800-523-5620
keeler@keelerusa.com

Kowa Optimed Inc.
800-966-5692
kowa-usa-info@kowa.com

Marco Ophthalmic Inc.
800-874-5274
904-642-9338 (Fax)
info@marco.com

Merge Healthcare
877.446.3743
312.565.6868
marketing@merge.com

Micro Medical Devices
818-222-3310 Direct
866-730-0663 Toll free
sales@micromedinc.com

M&S Technologies Inc.
877-225-6101
877-473-9806 (Fax)
sales@mstech-eyes.com

Nidek
800-223-9044
info@nidek.com

Optos North America
800-854-3039
www.optos.com

Optovue, Inc.
510-623-8868
866-344-8948
info@optovue.com

Paradigm Medical Industries, Inc.
800-977-8211
paradigm@paradigmmedical.com

Precision Vision
800-773-9211
precisionvision@merge.com

Precision Technology Services Ltd.
(U.K. distributor for Medmont)
800-613-0448
info@ptsvision.com

Reichert Technologies
716-666-4500
716-666-4545 (Fax)
info@reichert.com

Right Medical
800-224-6012
info@rightmedical.com

Sonomed Escalon
800-127-1245
www.sonomedinc.com

Stereo Optical Co. Inc.
518-585-3939
771-777-2669 (International)
sales@stereoptical.com

Tech Optics International
816-776-3911
www.techopticsinternational.com

Tomey USA
800-489-4045
www.tomeyusa.com

Tepcom Medical Systems, Inc.
605-223-1130
mtech@tepcom.com

Tracey Technologies Corporation
972-724-1919
info@traceytech.com

VectorVision Inc.
800-526-7703
vectorscience.com

Visual Pathways Inc.
928-778-5382
sales@vusnap.com

Volk Optical Inc.
800-845-8455
vold.com

Welch Allyn
800-535-6663
www.welchallyn.com

Woodlyn Inc.
800-535-6663
847-952-0045 (Fax)
woody@woodlynintl.com

Ziemer Ophthalmic Systems
866-708-4490
618-462-9302 (Fax)
marketing@ziemergroup.com

Zioner Ophthalmic Systems
602-774-8838
618-842-8832 (Fax)
marketing@ziemergroup.com