Comprehensive analysis. Unprecedented results.
The Orbscan® Ilz Anterior Segment Analysis System provides a thorough analysis of the anterior segment of the eye, for instance both surfaces of the cornea, full corneal pachymetry and anterior chamber depth. Part of the Bausch & Lomb Zyoptix™ Diagnostic Workstation, the Orbscan® Ilz Anterior Segment Analysis System delivers a more comprehensive understanding of your patient's condition. Allowing you to make more informed surgical planning decisions.

Orbscan® Ilz Anterior Segment Analysis System technology combines patented slit-scanning technology with a Placido disk.

Orbscan® Ilz Anterior Segment Analysis System measures data critical to informed surgical planning, providing a thorough analysis of the anterior segment.

1. Anterior corneal elevation and curvature
2. Posterior corneal elevation and curvature
3. Full corneal pachymetry
4. Simulated keratometry
5. White-to-white diameter
6. Pupil size (mesopic)
7. Anterior chamber depth
8. Angle kappa
9. Irregularity index
ORBSCAN® Ilz
ANTERIOR SEGMENT
ANALYSIS SYSTEM

Orbscan® Ilz Anterior Segment Analysis System Maps

Elevation
Elevation: BFS (best fit sphere)
Curvature: axial, tangential, mean, total, astigmatic

Corneal thickness
Pachymetry
Anterior chamber depth: from epithelium or endothelium

Orbscan® Ilz Anterior Segment Analysis System Measurements

<table>
<thead>
<tr>
<th>Surface</th>
<th>Elevation</th>
<th>Curvature</th>
<th>Thickness (depth)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anterior cornea</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Posterior cornea</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total cornea</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Lens/iris</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Specifications
• Working Distance: ___________ 110 mm
• Data Coverage: ___________ Up to 11 mm
• Field of View: ___________ 12 x 16 mm
• Number of Slits: ___________ 40
• Number of Rings: ___________ 18
• Dioptric Range (Curvature): ___________ 30 to 70 D
• Reproducibility, test object: ___________ +/-0.25 D
• Light Source: ___________ Halogen White Light
• Electrical Requirements: ___________ 115/230 V AC
• Footprint: ___________ 50 in. w x 32 in. d x 36 in. h

Features
Hardware
• XYZ position and acquisition from joystick
• New low-luminosity acquisition
• Automatic OD/OS sensor
• Computer specifications—see quotation sheet
• 15 in. flat-screen monitor (17 in. optional)

Software
Software license includes: (Windows NT® 2000 4.0, Orbscan® Ilz Anterior Segment Analysis System 3.12 version)
• Auto-edge editing
• Expanded database capability
• FITSCAN®
• Eye metrics program

BAUSCH & LOMB
Bausch & Lomb Incorporated
180 East Via Verde
San Dimas, CA 91773
800.338.2020
www.bausch.com

©2002 Bausch & Lomb Incorporated. All rights reserved.
Printed in USA.

CO922335