# ALM-411 Auto Lenrometer

## Specifications

### Range of Measurement

<table>
<thead>
<tr>
<th>Component</th>
<th>Range</th>
<th>Steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sphere</td>
<td>0°±25D, 0.01/0.12/0.25D steps</td>
<td></td>
</tr>
<tr>
<td>Cylinder</td>
<td>0°±9.99D, 0.01/0.12/0.25D steps</td>
<td></td>
</tr>
<tr>
<td>Axis</td>
<td>0°±180° (1° step)</td>
<td></td>
</tr>
<tr>
<td>ADD</td>
<td>0°±9.99D, 0.01/0.12/0.25D steps</td>
<td></td>
</tr>
<tr>
<td>Prism Degree</td>
<td>0°±15Δ, 0.01/0.12/0.25Δ steps</td>
<td></td>
</tr>
</tbody>
</table>

### Measurement Mode

- Cylinder: +, +, -
- Prism: X-Y, P-B
- Contact Lens: Soft/Hard
- Measuring Mode: Single / Progressive / Automatic Recognition

### Specifications

- **Diameter of Lens**: Ø20 ~ 108mm
- **PD**: 40~90mm, 0.5mm steps
- **Speed of Measurement**: 0.15
- **Display**: TFT LCD (5.6") 640 x 480
- **Printer**: Thermal Printer
- **Dimension**: 8.75" (D) x 6.33" (W) x 14.75" (H)
- **Package**: 22.25" (H) x 12.5" (W) x 15.33" (D)
- **Weight**: ~11 lbs
- **Power Supply**: 100 ~ 240V, 50/60HZ

## Key Features

- **Progressive Measurement**: Automatic measurement of progressive lenses. A graph helps the operator to improve accuracy and speed in the measurement of near and far vision.
- **Measurement Screen**: Easy to use with recognizable icons, the ALM-411 provides a user-friendly graphic interface for an easy to understand reading.

## Additional Features

- **High-Speed UV Measurement**: Just by holding the lens over the sensor, the display will easily indicate the UV measurement by the progress bar.
- **Adjustable LCD Display Screen**: Tilting color screen provides you with a clear view from any position such as sitting or standing.
- **Built-in Thermal Printer**: Quick data print with built-in printer. Easy to reload printing paper.
- **Sensitive Touch LCD Display Screen**: Just touch the screen to print your measurements, the operation couldn’t be easier or more convenient.

## Compact and Light

**Contact Us**:

sales@nvisiongroupusa.com

www.norwoodvision.com

Norwood Device & Diagnostics
One North Morton Ave, Suite 201, Morton, PA 19070

Phone (toll free): 855.370.1900
Fax: 484.472.6741