Bausch + Lomb is the recognised world leader in the research, development and supply of gas permeable contact lenses.

Since Silicone Acrylate materials were first introduced under the BOSTON® brand, Bausch + Lomb has improved the oxygen permeability, durability, wetting and comfort characteristics. The BOSTON® Fluoro Silicone Acrylate ranges utilise a patented AERCOR™ architecture with the latest hyperDk material, XO2, being approved by the FDA in 2007.

Made-to-order prescription lenses are manufactured immediately in the Hastings laboratory and are despatched by the next working day!

The new website www.bauschgp.com has been designed to allow you to choose a lens in a few quick and easy steps. Either by specifying the lens parameters you require or simply by giving the spectacle Rx and K readings for your patient.

For technical queries, call our dedicated RGP support team: 0870 850 7921

### Features
- Lenses are made to order and will be shipped the next working day.
- Wide choice of fitting parameters.
- Large selection of materials.
- Straight forward correction of astigmatism.
- Choice of lens designs for the presbyope.
- Shipped in wet or dry format.

### Benefits
- Choose the best design for visual correction.
- The lenses are not available over the internet, ensuring patient retention.
- Bausch + Lomb offer a 90 day guaranteed fit warranty exchange programme.
- The lenses are manufactured to fit the patient’s cornea, with choice of BOZR from 5.20 to 9.80.
- Modern designs will fit first time if correct K readings, spectacle prescription, back vertex distance, HVID and palpebral aperture are given.
- Lenses can be manufactured in well proven Silicone Acrylate, Fluoro Silicone Acrylate and the latest Aercor™ Fluoro Silicone Acrylate materials.
- Enables choice of lens performance to best match the patients’ corneal physiology.
- RGP designs utilise the tear film to correct corneal toricity. A spherical RGP can be used to correct slight corneal astigmatism, which is not possible with a soft contact lens.
- A full range of lens designs are available to correct all degrees of astigmatism.
- Full range of multi-focal lenses available for the correction of presbyopia.
- Lenses can be shipped pre-soaked in BOSTON Advance Comfort Formula Conditioning Solution or dry for longer storage.

### Technical

#### Designs
- **Spherical**
  - Maxim, Maxim Ultra, Quantum, Multicurve C3, Multicurve C4, ZL9.
- **Presbyopic**
  - Maxim Varifocal, Quantum Presbyopic, Concentric BiFocals.
- **Toric & Speciality**
  - Back Surface Toric, Front Surface Toric, Presbyopic Toric, Toric Periphery, Keratoconus, Other custom made lenses.

#### Materials
- BOSTON XO2, BOSTON X0, BOSTON QII, ML210, BOSTON EO, BOSTON EQUALENS, BOSTON QI, ML92, BOSTON E5, BOSTON IV, BOSTON II

#### Table

<table>
<thead>
<tr>
<th>Lens name</th>
<th>Material**</th>
<th>Dk**</th>
<th>Tc</th>
<th>Td</th>
<th>BOZR</th>
<th>Powers</th>
<th>Design</th>
<th>Tint</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maxim Ultra</td>
<td>Available in 9 materials* -</td>
<td>0.19 (Av.)</td>
<td>9.3, 9.8</td>
<td>7.00 to 9.00 (0.05)</td>
<td>+16.00 to -11.00 (0.25)</td>
<td>Sphere/Sphere/Aspheric</td>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>Maxim Varifocal</td>
<td>ML92 ML210*</td>
<td>0.19 (Av.)</td>
<td>9.3, 9.8</td>
<td>7.00 to 9.00 (0.05)</td>
<td>+16.00 to -11.00 (0.25)</td>
<td>Add up to +3.50</td>
<td>FS CD Aspheric BS Sphere/Aspheric</td>
<td>Blue</td>
</tr>
<tr>
<td>Maxim Toric</td>
<td>Available in 9 materials* -</td>
<td>0.19 (Av.)</td>
<td>9.3, 9.8</td>
<td>7.00 to 9.00 (0.05)</td>
<td>+16.00 to -11.00 (0.25)</td>
<td>To Patient Rx</td>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>Quantum 1</td>
<td>ML92*</td>
<td>0.17</td>
<td>9.0, 9.6, 10.2</td>
<td>7.20 to 8.40 (0.05)</td>
<td>+25.00 to -25.00 (0.25)</td>
<td>Aspheric</td>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>Quantum 1 Presbyopic</td>
<td>ML92*</td>
<td>0.17</td>
<td>9.0, 9.6, 10.2</td>
<td>7.20 to 8.40 (0.05)</td>
<td>+25.00 to -25.00 (0.25)</td>
<td>Add up to +3.50</td>
<td>Aspheric</td>
<td>Blue</td>
</tr>
<tr>
<td>Quantum 2</td>
<td>ML210*</td>
<td>0.17</td>
<td>9.0, 9.6, 10.2</td>
<td>7.20 to 8.40 (0.05)</td>
<td>+25.00 to -25.00 (0.25)</td>
<td>Aspheric</td>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>Quantum 2 Presbyopic</td>
<td>ML210*</td>
<td>0.17</td>
<td>9.0, 9.6, 10.2</td>
<td>7.20 to 8.40 (0.05)</td>
<td>+25.00 to -25.00 (0.25)</td>
<td>Add up to +3.50</td>
<td>Aspheric</td>
<td>Blue</td>
</tr>
<tr>
<td>Quantum 141</td>
<td>XO2*</td>
<td>0.17</td>
<td>9.0, 9.6, 10.2</td>
<td>7.20 to 8.40 (0.05)</td>
<td>+25.00 to -25.00 (0.25)</td>
<td>Aspheric</td>
<td>Blue/Green</td>
<td></td>
</tr>
<tr>
<td>Quantum 141 Presbyopic</td>
<td>XO2*</td>
<td>0.17</td>
<td>9.0, 9.6, 10.2</td>
<td>7.20 to 8.40 (0.05)</td>
<td>+25.00 to -25.00 (0.25)</td>
<td>Add up to +3.50</td>
<td>Aspheric</td>
<td>Blue/Green</td>
</tr>
<tr>
<td>Maxim 141, Maxim Ultra 141,</td>
<td>XO2*</td>
<td>0.19 (Av.)</td>
<td>9.3, 9.8</td>
<td>7.00 to 9.00 (0.05)</td>
<td>+16.00 to -11.00 (0.25)</td>
<td>Sphere/Sphere/Aspheric BS CD Aspheric</td>
<td>Blue/Green</td>
<td></td>
</tr>
<tr>
<td>Maxim Varifocal 141</td>
<td>XO2*</td>
<td>0.19 (Av.)</td>
<td>9.3, 9.8</td>
<td>7.00 to 9.00 (0.05)</td>
<td>+16.00 to -11.00 (0.25)</td>
<td>To Patient Rx</td>
<td>Blue/Green</td>
<td></td>
</tr>
</tbody>
</table>

* Classified EN ISO 1539-1999
** Classified EN ISO 9913:1 measured (cm2/s)

- [ml O2]/(ml.Pa)]
- [ml O2]/(ml.Pa)]
- Q1 = Siflufocon A III 2
- Q2 = Hexafocon A III 4
- Q2 = Hexafocon B III 4
- Other materials and Dk available on request
<table>
<thead>
<tr>
<th>Materials</th>
<th>Information</th>
<th>Design (see below)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOSTON X02</td>
<td>Hyper DK Fluorosilicone Acrylate.</td>
<td>Outstanding oxygen permeability without compromising wettability, stability, or comfort. Excellent deposit resistance.</td>
</tr>
<tr>
<td>BOSTON X0</td>
<td>Super DK Fluorosilicone Acrylate.</td>
<td>High oxygen delivery. Stability equaling that of lower Dk materials.</td>
</tr>
<tr>
<td>BOSTON EO</td>
<td>High DK Fluorosilicone Acrylate. Aercor™ design.</td>
<td>Excellent wetting/deposit resistance.</td>
</tr>
<tr>
<td>BOSTON EQUALENS</td>
<td>High DK Fluorosilicone Acrylate.</td>
<td>Fluorinated polymer for improved oxygen delivery. Contains UV absorber.</td>
</tr>
<tr>
<td>QUANTUM I (ML92)</td>
<td>Mid DK Fluorosilicone Acrylate.</td>
<td>Medium oxygen delivery. Good protein resistance. Our most used material.</td>
</tr>
<tr>
<td>BOSTON ES</td>
<td>Low-mid DK Fluorosilicone Acrylate. Aercor™ design.</td>
<td>Exceptional durability and modulus. Exceptional wetting and deposit resistance.</td>
</tr>
<tr>
<td>BOSTON IV</td>
<td>Low-mid DK Silicone Acrylate.</td>
<td>Good lipid resistance.</td>
</tr>
<tr>
<td>BOSTON II</td>
<td>Low OK Silicone Acrylate.</td>
<td>Good lipid resistance.</td>
</tr>
</tbody>
</table>

**Designs**

**Spherical**

Maxim

Maxim offers a high level of patient success due to a number of unique design characteristics. Its constant average thickness and tear layer profile guarantees ease of fit and high first lens success rate.

Maxim ultra

An innovative design upgrade of Bausch + Lomb's highly successful Maxim RGP lens. Utilising the most advanced computer controlled manufacturing technology, Aspheric periphery.

Quantum

An excellent combination of visual performance and corneal health. This best selling RGP lens combines the visual acuity of a spherical optic zone with an aspheric periphery that allows a more comfortable fit. The materials used, minimise deposition and provide excellent oxygen transmissibility.

Custom Designs

Multicurve C3, Multicurve C4, ZL59 etc.

**Presbyopic**

Maxim Varifocal

The practical solution for presbyopes. Building on the success of the Maxim Range, the Maxim Varifocal with a bi-aspheric design, enables all existing wearers of Maxim and Maxim Ultra to be seamlessly corrected when they become presbyopic.

Quantum Presbyopic

Based on the Quantum back surface design a centre distance concentric bifocal with nominal 3.5 mm segment diameter is available.

Concentric BiFocals

Concentric bifocals can be produced on any back surface design in centre distance or centre near form.

**Toric Speciality**

Maxim Toric

The Maxim Toric Fitting Service removes all the perceived complications of Toric rigid lens fitting, lenses are fitted on alignment to K in 9.30 or 9.80 diameters and lenses are automatically made Bi-Toric if necessary.

Back Surface Toric

Other back surface toric to practitioners own dimensions are available.

Front Surface Toric

The spherical back surface design of your choice incorporating cylinder on the front surface stabilised by 1.5 prism ballast.

Toric Periphery

Spherical base curve with toric peripheral curves for stabilisation.

Keratoconus

Keratoconus fitting support service.

Bespoke

Practitioners choice of BCOR, peripheral curves, diameters and reading additions or modifications to standard designs.

Ortho-K

Customised Ortho-K service.

For more information on our RGP range please visit www.bauschgp.com or phone our dedicated RGP support team on 0870 850 7921

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