

RX Me+

DIGITAL LENSES

PREMIUM FREEFORM LENS DESIGNS



satisloh®

We are Satisloh - Global leader of manufacturing solutions for the production of ophthalmic & precision optic lenses.

As part of our mission to provide complete solutions we are proud to introduce our lens design portfolio.

RxMe+ premium lens designs are a leap forward from the market with, high-end designs and added value for your free-form, with progressive designs, simple, occupational, bifocal and edge drawdown across the line.

LENS DESIGN TECHNOLOGY HIGHLIGHTS



OPTIMIZED

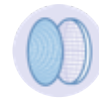
A further evolution for exclusive design.

Optimized high tech allows you to have much more accurate data. Able to analyze real information of each visual measurement of the user, creating a much more accurate mathematical calculation for each lens.



Benefits

- 100% customized lenses for each user
- Superior visual comfort
- Provides best as worn condition
- Ideal for sports wraps and fashion frames



ADAPTATIVE DIGITAL CURVE

Adaptative Digital Curve technology, incorporated into the calculations performed, maximizes the results by allowing the customization of the visual fields according to each user prescription. In addition to the possibilities offered by the Rx PLUS product line, it is possible to create designs according to the specific visual requirements of each customer.

$$Q: 3x + 3y + z = 18$$
$$P(5, 0, 0), Q(-1, 0, 0)$$
$$\vec{QP} = \frac{\vec{QP}}{\|\vec{QP}\|} \cdot r = \frac{1}{\sqrt{1+36}} [3, 3, 6]$$
$$= -\frac{11}{36} [3, 3, 6]$$
$$\vec{R} = [3, 3, 6]$$
$$QP = [-\frac{11}{12}, 0, 0]$$
$$[3, 3, 6]$$
$$[-\frac{11}{12}, -\frac{11}{6}]$$

Benefits

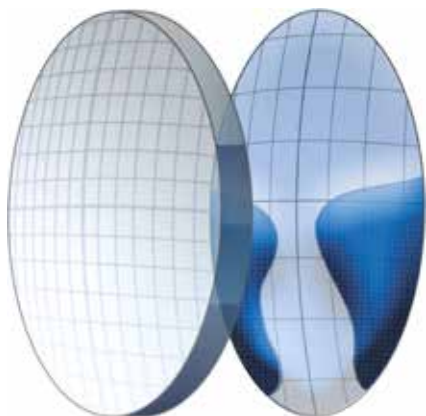
- Minimization of oblique aberration
- Rapid adaptation
- Superior visual comfort
- Homogeneous power distribution



SYMMETRICAL DIGITAL CURVE

Patented technology which provides superior vision for the lens wearer. It is a radical approach which allows the lens design to be created with a very smooth mean power profile.

- Superior patient comfort
- Sharp viewing in all directions
- Minimizes blurring experienced with traditional progressives
- Faster patient adaptation times and greater patient satisfaction



Benefits

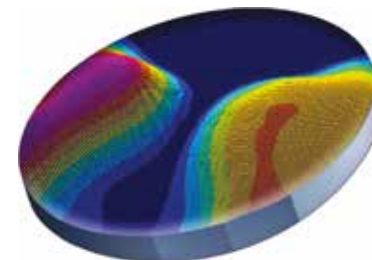
- Lenses with unique designs for each user
- Process to minimize optical aberrations
- Designs much more adaptable to the visual profile of each client



DIGITAL

It has a point-to-point calculation method, with direct conversion to a 100% digital surface.

This technology allows you to create any type of free form lens, from a standard semi-finished blank.



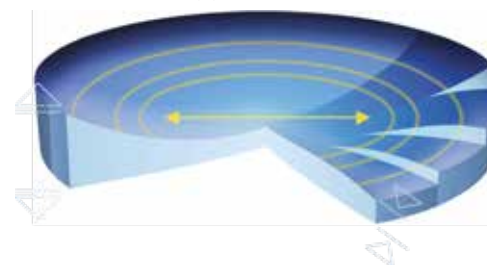
Benefits

- 100% digital designs
- Visual comfort



BLENDING

Blending technology allows the lowering of the edge of negative lenses and lowering the center of plus lenses, so that the lens is thinner, offering an enhanced cosmetic appearance.



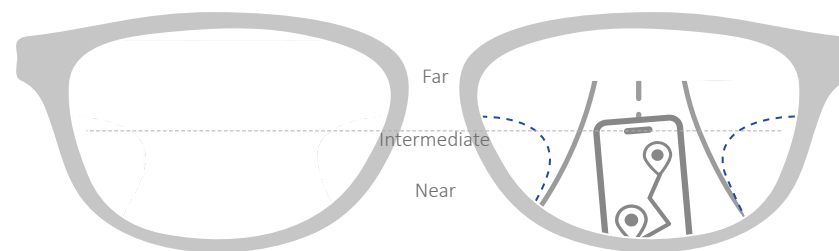


Rx Me+ | PREMIUM

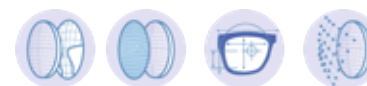
Premium design for daily use with balanced fields, with high degree of comfort and easy adaptation. The technology of this design allows complete customization for each user. MaxView design gives users the maximum possible fields of vision.

TARGET AUDIENCE

Advanced users looking for a high-performance design.



Associated technologies

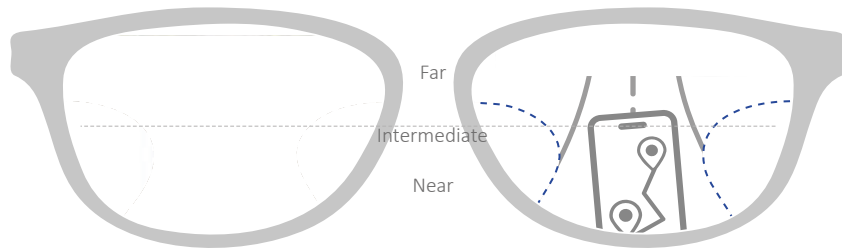


| | |
|-------------------------|--|
| Corridor options | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20 mm |
| Lens Type | Progressive |

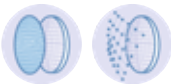
Premium design for daily use with balanced fields, with high degree of comfort and easy adaptation. MaxView design gives users the maximum possible fields of vision.

TARGET AUDIENCE

Advanced users looking for a design with good performance.



Associated technologies



| | |
|-------------------------|--|
| Corridor options | 12, 13, 14, 15, 16, 17, 18, 19 and 20 mm |
| Lens Type | Progressive |



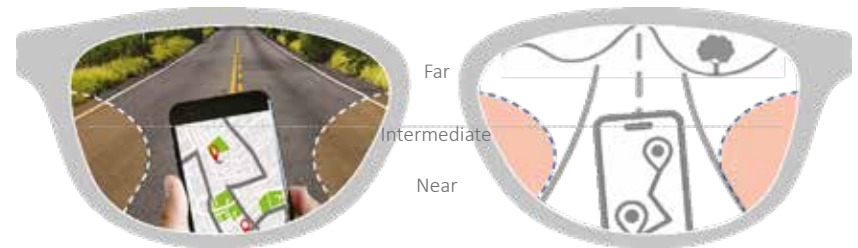


Rx Me+ | BASIC+

Basic design for daily use with good performance and wide visual fields. Uses eye symmetry to raise the quality of the lens. MaxView design gives users the maximum possible fields of vision.

TARGET AUDIENCE

Advanced users looking for a design with good performance. Wide visual fields are more suited as a first progressive to those patients who are currently wearing Bifocal lenses.



Associated technologies

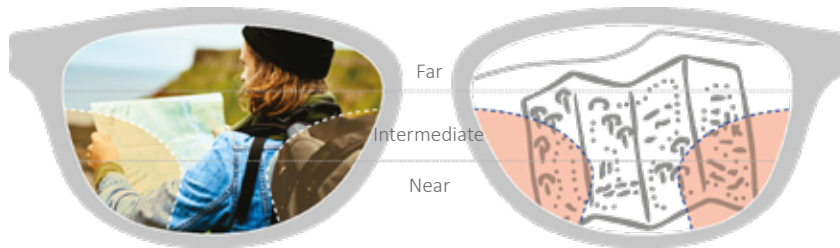


| | |
|-------------------------|------------------------------|
| Corridor options | 13, 14, 15, 16, 17 and 18 mm |
| Lens Type | Progressive |

Design developed for sport activities and dynamic environments.

TARGET AUDIENCE

Users looking for a lens with wide visual fields and lenses with wrap style frames.



Associated technologies



Far



Intermediate



Near



Comfort



| | |
|-------------------------|-------------|
| Corridor options | 17 mm |
| Lens Type | Progressive |



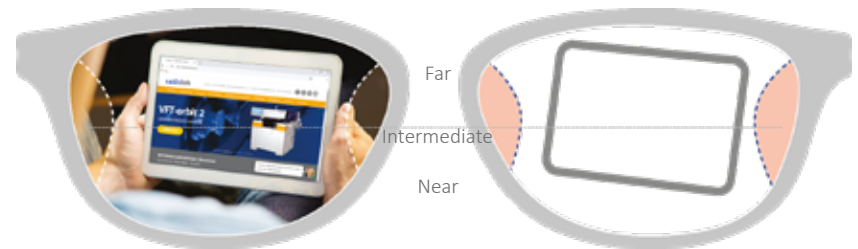


Rx Me+ | OFFICE

Design has a wider field of view for a more comfortable posture making the reading area more accessible. Allows the user to see up to 4 mm far.

TARGET AUDIENCE

Exclusive for office users looking for a premium occupational lens with wide visual field, for intermediate and near use.



Associated technologies

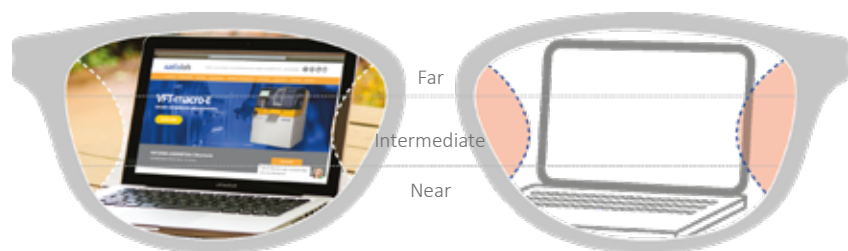


| | |
|-------------------------|--------------|
| Corridor options | 14 mm |
| Lens Type | Occupational |

Progressive design ideal for non presbyopic patients to avoid eye fatigue and strained.

TARGET AUDIENCE

Users looking for a lens to decrease visual fatigue when they spend a large portion of the day focusing at the same distance.

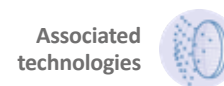
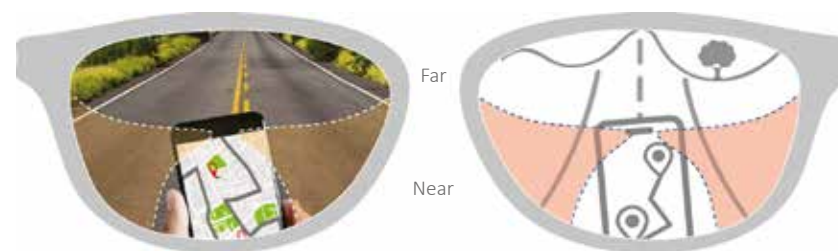


| | |
|-------------------------|--------------|
| Corridor options | 14 mm |
| Lens Type | Anti fatigue |

Hybrid design with smooth transition from far to near, but with wide fields of view of a bifocal, without unsightly lines. SoftTransition design with overall low astigmatism, provides fast adaptation and fabulous patient comfort. Great transition between distance and near view, moving seamless through the fields of vision.

TARGET AUDIENCE

For emerging presbyope users. The reading segment allows for seamless transition from distance to near vision without any image jump.



| | |
|-------------------------|---------|
| Corridor options | 12 mm |
| Lens Type | Bifocal |

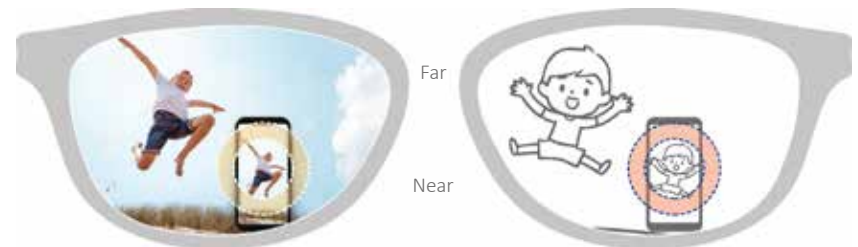


Rx Me+ | BIFOCAL

Premium bifocal design 100% digital with non visible bifocal lines.

TARGET AUDIENCE

Users with difficulties in adapting to progressive lenses and using traditional bifocal lenses.



Associated technologies



Far



Near



Comfort



Corridor options

N/A

Lens Type

Bifocal

Rx Me+ | SINGLE VISION

Premium monofocal design for curved and simple frames and daily use. The technology of this design allows complete customization for each user.

TARGET AUDIENCE

Monofocal lens users looking for a lens with good power distribution and 100% custom.



Associated technologies



Far



Near



Comfort



| | |
|-------------------------|-----------|
| Corridor options | N/A |
| Lens Type | Monofocal |

**far and near performance depends on user individual requirements*



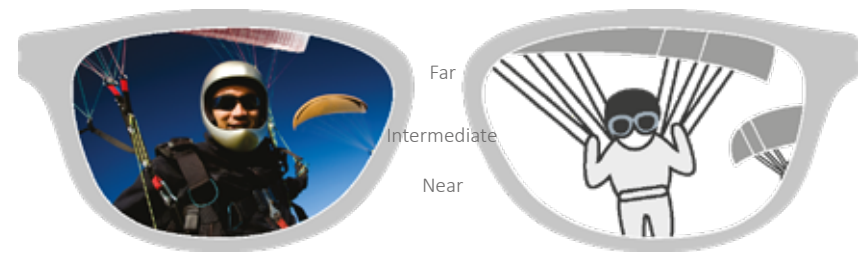


Rx Me+ | SPORT SINGLE VISION

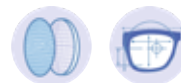
Design that reduces peripheral distortion caused by unwanted astigmatism associated with conventional single vision lenses.

TARGET AUDIENCE

Users of prescription sunglasses, sports wrap or fashion frames looking for enhanced visual performance with a better clarity of vision.



Associated technologies



Far



Comfort



| | |
|-------------------------|-----------|
| Corridor options | N/A |
| Lens Type | Monofocal |

QUICK LENS DESIGN GUIDE

|  | FIELD OF VISION | | | | CORRIDOR | LENS TYPE |
|---|-----------------|--------------|--------|---------|--|--------------|
| | Far | Intermediate | Near | Comfort | | |
| Premium | ★★★★★★ | ★★★★★ | ★★★★★ | ★★★★★★ | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 & 20 mm | Progressive |
| Advanced+ | ★★★★★ | ★★★★★ | ★★★★★★ | ★★★★★ | 12, 13, 14, 15, 16, 17, 18, 19 & 20 mm | Progressive |
| Basic+ | ★★★★ | ★★★★ | ★★★★★ | ★★★★★ | 13, 14, 15, 16, 17 & 18 mm | Progressive |
| Sport | ★★★★★ | ★★★★ | ★★★★★ | ★★★★★ | 17 mm | Progressive |
| Office | ★★★ | ★★★★★ | ★★★★★ | ★★★★★★ | 14 mm | Occupational |
| Soft | ★★★★★ | ★★★★ | ★★★★★★ | ★★★★★★ | 14 mm | Anti fatigue |
| Bigressive Soft | ★★★★★ | - | ★★★★★★ | ★★★★★ | 12 mm | Bifocal |
| Bifocal | ★★★★★★ | - | ★★★★★★ | ★★★★ | N/A | Bifocal |
| Single Vision | ★★★★★★ | - | ★★★★★★ | ★★★★★★ | N/A | Monofocal |
| Sport Single Vision | ★★★★★★ | - | - | ★★★★★★ | N/A | Monofocal |

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