Autograph® II+

Tailored For Your Everyday

Freeform® PAL

Technologies

AW As-Worn Technology™ | Close-Up™ | Natural Posture™ | EPT EyePoint Technology™

Product Classification:
EVERYDAY > Progressive

Minimum Fitting Heights:
11mm, 13mm, 15mm, 18mm & Variable

Marking:
A2+

The Lens Design

Shamir **Autograph® II+** provides patients with more comfort both ergonomically and visually for everyday needs. These back-surfaced, digital **Freeform®** lenses can be personalized for your patients thanks to four of Shamir's advanced technologies: **EyePoint Technology®**, **As-Worn Technology™**, **Natural Posture™**, and **Close-Up™**.

Autograph® II+ provides wider fields of view, and is designed to be more ergonomically comfortable while reading, working, and doing other various everyday tasks.

Most lens designs are universally optimized for near viewing, using an average inset value, which is fine in many cases. However when it comes to any irregularities, near vision may be unfocused or narrow. **Autograph® II+** allows the ECP to specify the patient inset allowing wider more focused vison at near.

The **Autograph® II+** also dynamically locates the near vertically within the lens corridor, taking into account the Rx sphere value - plus or minus, and giving constant, clear focus.

It also reduces the need to tilt the head forwards or backwards or alternatively to lower or raise a book when reading to find the right viewing distance and angle.

Who It's For

Task-oriented eyeglass wearers experiencing blurry vision when focusing on objects at different distances. It's effective for avid readers or writers, digital users, those who enjoy hobbies such as painting, or even just working in an office.

Features & Benefits

- The reading area is optimally positioned, so you'll enjoy a more natural posture.
- Personalized to meet your precise visual needs based on your visual requirements, chosen frames and wearing style.
- Constant, clear focus regardless of transitioning from near to intermediate view.
- The ability to further customize the position of the reading area by providing the patients monocular near pd for a more comfortable viewing experience.

As-Worn Technology™

Technology using three different measurements to create a lens that's even better suited for the patient; with vertex distance, pantoscopic tilt and panoramic angle we can fine-tune the lens unlike ever before.

Close-Up®

The Near PD Solution

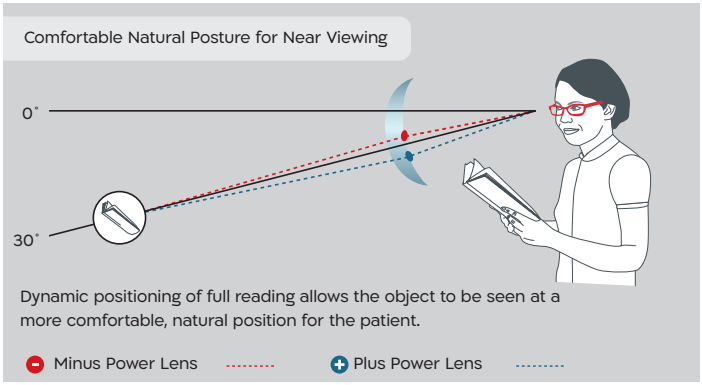
Shamir's **Close-Up®** technology adjusts the reading zone inset of every lens to the individual patient's convergence during near viewing. Adjustments are made in 0.1 mm steps within a range of 0 - 5 mm. In other words, the lens is custom-adjusted to the individual's near PD, relative to their far PD.

This advanced lens design technology creates lenses that meet individual differences, such as distance between pupils, reading distance, or asymmetric convergence, to lifestyle, type of work, hobbies, and so on.

Natural Posture™

Ergonomic Design Concept

The near viewing zone in Shamir **Autograph® II+** is dynamically located within the lens corridor, taking into account the Rx sphere value - plus or minus. This reduces the need to tilt the head forwards or backwards or alternatively to lower or raise a book when reading to find the right viewing distance and angle. Any discomfort within their posture is thereby minimized and patients are ensured a comfortable natural posture during near viewing.



EyePoint Technology®

By analyzing data from over 3,600 points on each lens Shamir is able to create lenses that offer patients a more accurate and comfortable visual experience.

Measurement Information

As-Worn Technology™

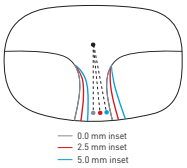
To get the maximum benefit from **As-Worn Technology™**, the actual measurements of the wearer should be included. (Vertex Distance - Fitted, Pantoscopic Tilt, Panoramic Angle). **The patient will benefit greatly from using their personal measurements, experiencing more precise and comfortable vision.**

If the **As-Worn™** measurements are not included with the Shamir **Autograph® II+** order, the Shamir **Prescriptor Software®** will use defaults. These defaults are based on averages.

Default Measurements:		"As-Worn" measurements:	
Vertex Distance:	13 mm	Vertex Distance:	5 mm to 30 mm
Pantoscopic Tilt:	4°	Pantoscopic Tilt:	-10° to 12°
Panoramic Angle:	5°	Panoramic Angle:	0° to 12°

Close-Up™

Shamir's **Close-Up™** technology adjusts the reading zone inset of every lens to the individual patient's convergence during near viewing. **Adjustments are made in 0.1 mm steps within a range of 0 - 5 mm.** In other words, the lens is custom-adjusted to the individual's near PD, relative to their far PD.



Fitting with **Close-Up™**:

Simply add the Mono near PD measurement to the order parameters.

You can easily use a common pupilometer to measure with regard to the patient's near and far reading distances. Based on these parameters, the inset will be calculated to adjust the near zone. If **Close-Up™** is not chosen, inset will be default per design.

How To Fit & Order Shamir **Autograph® II+**

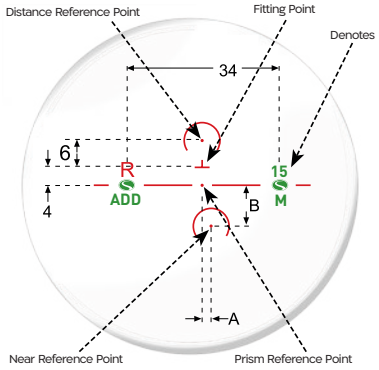
Provide the following information:

- Patient Rx
- Fitting Height
- Monocular Distance PD
- Monocular Near PD
- Panoramic Angle
- Pantoscopic Tilt
- Fitted Vertex Distance
- Frame Measurements A/B/DBL&ED

If the **As-Worn™** measurements are not included with the order the Shamir **Prescriptor Software®** will use defaults. Please see the measurements section for more details.

*It is strongly recommended that you provide all of the above mentioned measurements.

Technical Information



Fitting Height	A* (see diagram)	B (see diagram)	M Invisible Marking (see diagram)
11mm	2	5	A2+1
13mm	2	8	A2+3
15mm	2.2	9	A2+5
18mm	2.5	11	A2+8
Variable	According to reading zone position		A2+

Transitional zone changes according to fixed design

Availability:

Material	Prescription Range [D]	Addition	Cylinder
1.50 Hard Resin (C,TV,T,P,TX,D)	-12.25 to +6.00	0.75 to 4.00	to -6.0 [D]
DLC™ Trivex™ (C,T,P,TX,BZ,N)	-13.25 to +6.00	0.75 to 4.00	to -6.5 [D]
1.56 (B)	-14.00 to +6.50	0.75 to 4.00	to -6.75 [D]
1.6 SuperLite™ (C,T,P,TX)	-15.00 to +6.00	0.75 to 4.00	to -7.0 [D]
1.67 SuperLite™ (C,T,P,TX,BZ)	-16.75 to +8.25	0.75 to 4.00	to -8.0 [D]
Polycarbonate (C,TV,T,P,TX,D,BZ)	-14.75 to +6.50	0.75 to 4.00	to -7.0 [D]
1.74 SuperLite™ (C,T)	-18.75 to +12.00	0.75 to 4.00	to -9.00 [D]

LEGEND:
- **C**- Clear
- **TV** - Transitions® Vantage™
- **T** - Transitions®
- **P** - Polarized
- **TX** - Transitions® XTRActive™
- **B** - BluTech (Indoor & Outdoor)
- **D** - Drivewear®
- **N** - NXT™
- **BZ** - Blue Zero™
- **S** - SunSync®
- **PH** - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE, PRISM TO 10 DIOPTERS IN EACH QUADRANT

⚠ **WARNING:** *Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov.*

The original **Autograph II®** is still available. **Autograph II®** does not have Natural Posture™ or Close-Up® technologies.