

Shamir Autograph III® FAQ's

Q: What's new about Shamir Autograph III®, and what are the benefits?

A: Shamir Autograph III is a new balanced progressive lens, holistically adapted to the patient. Incorporating new technologies and design features, EyePoint Technology III®, Natural Posture™, IntelliCorridor™ and As-Worn Quadro™, Shamir Autograph III addresses the different visual experience of hyperopic and myopic patients and offers a unique wearer experience with unsurpassed viewing and ergonomic comfort.

Q: How is it different from Shamir Autograph FreeFrame™?

A: By utilising the very latest technological advancements in progressive lens design, and by addressing the different visual experiences of hyperopic and myopic patients, Shamir Autograph III offers a different design concept and near viewing zone location taking into account the positive or negative power of the prescription. The result is superior visual performance and satisfaction for all presbyopes, particularly hyperopic wearers that are prone to progressive lens non-tolerance.

Q: What is Eye-Point Technology III®?

A: Eye-Point Technology III is a new analysis technology that enables us to simulate real world images and support the design of lenses that provide an improved viewing experience for all patients regardless of prescription.

This is accomplished by first defining the size of the object we want patients to see and then working backwards by tracing the light rays from the object to the eyes. By simulating the real world view for any given prescription, we are able to redefine the viewing experience and ensure both improved and similar fields of view for both hyperopic and myopic wearers.

Q: Why is Autograph III ergonomically more comfortable?

A: Natural Posture™ is a new ergonomic design concept that minimizes the need to tilt the head or move a book to bring the text into focus. The near zone is dynamically situated within the progressive lens corridor to minimize discomfort when reading and ensure natural posture for the patient.

Q: How does Shamir know exactly where to put the reading power to achieve Natural Posture?

A: The location of the reading zone is a result of the optimisation achieved by using Eye-Point Technology III. This new analysis software considers many variables, including the object distance, viewing angle and lens power, to calculate the ideal position for the near zone that will afford the greatest postural comfort.

Q: What is IntelliCorridor™?

A: This technology controls the power profile along the eye's visual path through the progressive lens corridor and allows Shamir's lens designers to give variable emphasis to the power for every given point on the lens. As a result, the power profile is optimally suited to a variety of activities, adapting to object distances and various angles of vision, while maintaining a smooth transition between the distant and the near viewing fields. The power profile of Shamir Autograph III is optimally suited to meet the visual needs of today's modern lifestyles, particularly as they include frequent use of digital devices, without compromising optimal viewing comfort for every visual range and activity.

Q: What is As-Worn Quadro™?

A: Our existing As-Worn Technology™ compensates the design structure based on the personal frame parameters and ensures that once the lens is fit into the frame, the prescription as experienced by the patient is the same as that originally experienced when measured by the optometrist. With As-Worn Quadro, an add-on to our existing technology, we have multiplied the design source dimension by four, ensuring a lens design that is less sensitive to tilt variations of the patient's chosen frame. This ensures overall improvement of lens performance in any frame.

Q: What measurements are required for ordering Autograph III, and are different measurements needed for Hyperopic and Myopic patients?

A: The required measurements are face-form angle, pantoscopic tilt, refracted vertex distance and back vertex distance.

There is no difference in measurements needed for myopic or hyperopic patients as Shamir's new technology incorporates the different design concepts into the digital Freeform file.

Q: Why is a variable corridor better?

A: The variable corridor takes into consideration the real FH below the pupil using the frame trace file, prescription and PD information. This allows production of the longest corridor lens design for the specific frame. The result is the softest lens, while eliminating the risk of near vision cut off. Therefore in a variable design, it is strongly recommended that you provide a frame trace file with the order.

Q: Can I move a patient from a prior design to Shamir Autograph III with success?

A: Yes, you can successfully move a patient from a prior design to Shamir Autograph III. The patient will benefit from a better visual experience with Shamir Autograph III, based on the new technologies and design features. This holds true for both Myopic and Hyperopic patients.

Q: Can I wear Shamir Autograph III in the office and outside?

A: Yes. Shamir Autograph III is a new lens for everyday indoor and outdoor use providing excellent near and far vision, with special attention paid to the intermediate vision zone. Shamir Autograph III is your best choice for both, unless you advance to specialized lenses Shamir Computer™ or Shamir WorkSpace™ for the office, or Shamir Attitude™ for outdoors.

Q: Can I get Shamir Autograph III in a short frame?

A: Yes. Shamir Autograph III is available with a variable corridor and suited to fitting heights of 11mm and up, and the lens optimization is adapted to the relevant object viewing angles for every fitting height.

