

ASPIRE

BEST PRACTICES FOR
WORKING WITH ASPIRE EYEWEAR
FRAMES IN YOUR DISPENSARY AND LAB



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Thank you for purchasing ASPIRE EYEWEAR. We are now in our second full year of offering this highly innovative product. Our success is not possible without your support.

GETTING TO KNOW YOUR ASPIRE FRAMES

ASPIRE EYEWEAR

The next generation of thin and light eyewear designed with a new, modern aesthetic that allows patients to truly express themselves through their eyewear.

TARGET DEMOGRAPHIC

Men and women who are confident, youthful, aspirational and professional. They recognize the technological advantages of a well made frame and appreciate quality. Their great sense of style shows in their selection of clothing and accessories; they often will choose unique frames as a finishing touch to their “look”.

WHO WILL WEAR ASPIRE?

The ASPIRE collection will appeal to men and women with an interest in distinctive, fashionable frames that express their unique style. These patients enjoy wearing the newest, innovative styles.



WHAT MATERIALS ARE USED IN THE ASPIRE 1.0 FRAMES?

Full or semi-rimless frame fronts are hand-made from a Specially Designed Nylon (SDN-4), a high performance nylon composite polymer manufactured exclusively for ClearVision Optical. SDN-4 is much lighter (almost 50% lighter) than typical acetate.

Temples are constructed either of stainless steel or TR-90, a lightweight plastic that is extremely flexible and hypoallergenic.

Nose pad arms are made of stainless steel. Nose pads are PVC.

ARE THE ASPIRE “PVC” NOSE PADS REPLACEABLE?

YES. ASPIRE nose pads are easy to replace.

NOSE PAD REPLACEMENT INSTRUCTIONS FOR ASPIRE EYEWEAR:

STEP 1:

USING NARROW DOUBLE JAW PLIERS SUPPORT THE NOSE PAD ARM, USE ANOTHER NARROW DOUBLE JAW PLIER TO GRIP THE LOWER THIRD OF THE PAD. IT WILL COME OFF WITH JUST A LITTLE PRESSURE.



STEP 2:

SUPPORT THE PAD ARM AS ABOVE AND GENTLY SLIDE THE NEW PAD ONTO THE PAD ARM. THE PAD ARMS ARE EASILY ADJUSTABLE USING STANDARD SNIPE NOSE PLIERS.



STEP 3:

ADJUST THE NOSE PAD ARM AND NOSE PAD TO MAKE THE PATIENT MOST COMFORTABLE.



ARE THE STAINLESS STEEL NOSE PAD ARMS REPLACEABLE?

NO. Should a nose pad arm fall out through patient wear and tear, please return the frame under warranty.

WILL ASPIRE FRAMES STAY IN ADJUSTMENT?

YES. Face form will follow the base curve of the Rx lens. It will retain that fit and adjustment.

WILL THE OPTICIAN BE ABLE TO “SHRINK” THE FRAME WITH HEAT?

NO. The proprietary nylon composite polymer frame material will not shrink. As this is a cold insert frame, **DO NOT** heat the frame for adjustments or insertion. Head fit adjustments can be made by angling the small stainless steel metal end piece using a fiber jaw plier.

WILL THE OPTICIAN BE ABLE TO “STRETCH” THE FRAME WITH HEAT?

NO. The proprietary nylon composite polymer frame material will not stretch. Lenses should not be cut oversized. Trace and edge on size, accounting for the calibration of your edger. Oversized lenses may warp or pop out of the frame and create pressure on the eye rim.

WILL RUBBING ALCOHOL AFFECT THE FRAME FINISH?

YES. As with all frames, alcohol should not be used to clean frames or lenses. Only mild soap and water should be used for cleaning.

SINCE EACH FRAME HAS ONLY ONE TEMPLE LENGTH CAN THE TEMPLE BE SHORTENED IN OFFICE?

YES. Metal temples can be shortened in office by cutting both the temple core wire at the tip end, and then cutting the temple tip the same amount at the metal junction. The tip must be filed and tapered smooth.

NOTE: Full TR-90 temples **CANNOT** be shortened in office.

Most women’s model temples are 140mm; most men’s model temples are 145mm. 135mm temples are available on petite fit frames. We also have 150mm temples for larger mens frames.

WILL I BE ABLE TO CHANGE THE TEMPLES?

YES. There are several unique temple designs. Temple end pieces are interchangeable from frame to frame as long as the E/P attachment system is the same. This can easily be done to further customize and personalize frames (see next page “How Does The Washer and Nut System Work” & “How Does the Screw System Work”)



HOW MANY DIOPTERS IS THE MAXIMUM IDEAL SUGGESTED FOR THIS COLLECTION? WHICH LENS MATERIALS ARE BEST SUGGESTED?

ASPIRE frames have been edge tested with -6.00 diopter aspheric polycarbonate to +4.00 aspheric polycarbonate lenses. These are maximum, ideal, suggested powers for ASPIRE. Higher Minus powers can be used due to the flatter base curvature, but thickness of lens and weight would take away from the thin and light appearance of the ASPIRE frames. Higher Plus lenses, due to the high front base curvature, are NOT suggested for use in ASPIRE frames. Aspheric polycarbonate, Trivex and Hi-Index lenses are recommended.

LAB KIT:

*Two SDN-4 fronts are included with your Aspire lab kit. One with a -6.00 diopter aspheric polycarbonate lens and one with a +4.00 diopter aspheric polycarbonate lens so you can demonstrate how they look to your customers.

KIT INCLUDES:

- Extra hex nuts and nylon washers
- Extra + screws and metal washers
- 2 Pairs of replacement nose pads
- Hex nut wrench
- Standard screwdriver
- 2 Demo fronts with +4.00 And -6.00 Aspheric polycarbonate lenses

HOW DOES THE WASHER AND NUT SYSTEM WORK?

The washer and nut system has been designed to securely hold the end piece/ temple to the frame front.

HOW TO REMOVE AND REPLACE END PIECE WITH TEMPLE:

- GENTLY REMOVE THE HEX NUT AND SMALL NYLON WASHER FROM THE END PIECE BY USING THE 2.32MM HEX NUT WRENCH WHICH IS PROVIDED IN YOUR RX LAB KIT.
- THE TEMPLE WITH END PIECE ATTACHED CAN THEN BE SEPARATED FROM THE 2 HOLES ON THE FRONT OF THE FRAME.
- CAREFULLY RE-INSERT THE NEW END PIECE WITH THE ATTACHED TEMPLE INTO THE 2 HOLES ON FRONT.
- PLACE THE SMALL "T" WASHER OVER THE INSERTED THREADED END PIECE, THEN THE HEX NUT.
- FULLY TIGHTEN HEX NUT TO SECURE WITH THE HEX NUT WRENCH.



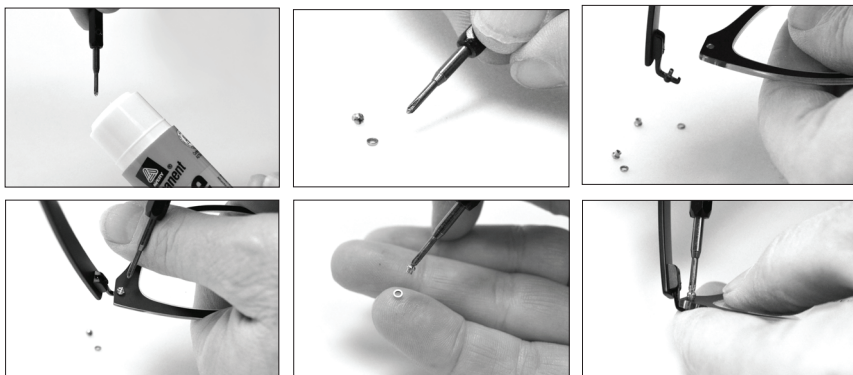
HOW DOES THE WASHER AND SCREW SYSTEM WORK?

The washer and screw system has been designed to securely hold the end piece/temple to the frame front.

HOW TO REMOVE AND REPLACE THE END PIECE WITH THE ATTACHED TEMPLE:

- REMOVE THE HOLLOW SCREW AND METAL WASHER FROM THE END PIECE USING A STANDARD + HEAD SCREWDRIVER WHICH IS PROVIDED IN YOUR RX LAB KIT.
- THE END PIECE WITH TEMPLE ATTACHED CAN THEN BE SEPARATED FROM THE 2 HOLES ON THE FRONT OF THE FRAME.
- RE-INSERT THE NEW END PIECE WITH TEMPLE ATTACHED INTO THE 2 HOLES IN THE FRAME FRONT.
- PLACE THE METAL WASHER, COLLAR SIDE DOWN INTO THE HOLE, THEN PLACE THE HOLLOW SCREW OVER THE WASHER AND OVER THE END PIECE SCREW EXTENSION.
- FULLY TIGHTEN THE SCREW TO SECURE THE END PIECE WITH THE STANDARD + HEAD SCREWDRIVER.

TIP: Dip standard + head screwdriver in gluestick to coat tip to make it easier to pick up screw without dropping it.



ARE THE TWO SYSTEMS (WASHER/NUT AND WASHER/SCREW) INTERCHANGEABLE?

NO. Each system was designed to work as it comes and not to be interchangeable.

IS THIS NEW MATERIAL MORE FRAGILE THAN STANDARD ACETATE MATERIALS?

NO. SDN-4 is a new nylon composite polymer material that is a result of years of research. The material is super strong, extremely flexible, and has a memory quality.

WILL EXTREME TEMPERATURE IMPACT THE FRAME INTEGRITY?

NO. SDN-4 has the ability to function in extreme temperature conditions. We recommend, however, like all fine eyewear, consumers treat their Aspire frames with appropriate care.

CAN I USE A SANTINELLI NIDEK EDGER TO ADD FACE FORM, IF NEEDED?

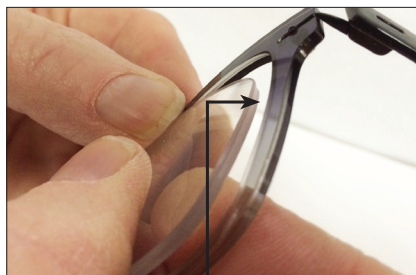
YES. Aspire frames have been tested on our Nidek edging equipment from Santinelli International's headquarters in NY. The edger can be modified from standard default to move the bevel location closer to the frame front as possible, adding to the cosmetic appeal of the Aspire collection.

MAY I USE EQUIPMENT OTHER THAN SANTINELLI NIDEK EDGING EQUIPMENT?

YES. However, the best results occur with edgers that can modify the placement of the lens bevel.



Bevel edged forward to be flush with the frame front



Standard "V" bevel

WILL I BE ABLE TO TEST EDGE MY NEW ASPIRE FRAMES SO I CAN LEARN ABOUT THE PROPERTIES OF THE NEW SDN-4 NYLON MATERIAL?

YES. Two SDN-4 fronts without lenses are included in your Aspire lab kit. We recommend that you practice edging these fronts according to the enclosed instructions.

WILL LENSES BE EASY TO EDGE AND INSERT, AND WILL THEY REMAIN SOLIDLY IN PLACE?

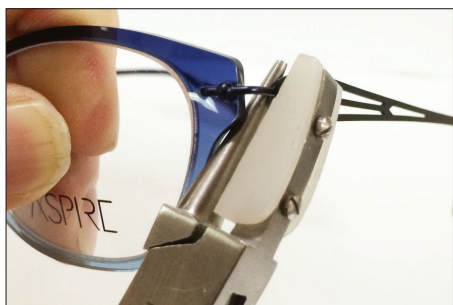
YES. Aspire frames are specially produced and offer a standard “V” bevel mounting. The groove depth is 0.6mm throughout. Edge lenses on-size. As with all frames, a proper edging job will insure the secure mounting of the lenses.

AM I ABLE TO ADJUST FOR PANTOSCOPIC TILT?

YES. Aspire frames have a special stainless steel end piece which may be easily adjusted. As with all adjustments, we recommend using a nylon fiber end piece plier.

HOW DO I ADJUST THE ENDPiece?

Use your nylon fiber end piece plier as shown below.



DO ASPIRE 1.0 FRAMES UTILIZE COMPRESSION PLUG END PIECE MOUNTINGS?

NO. There are several reasons as to why ASPIRE 1.0 full frames or semi rimless frames do not utilize compression plug end piece mountings:

- SDN-4 material combined with metal end pieces are better secured with a nut/washer or screw/washer attachment; which will not easily get loose from wear, e.g., taking the frame off/putting on.
- Easier panto and head fit adjustments without pulling end piece from the compression plug.
- Easier to replace nut/washer or screw/washer than compression plugs, only a hex wrench or screwdriver is required.
- Cosmetics: Current end piece is 1.0mm high; compression plugs are 1.4mm high. Plugs would show from front view if used.

Our version is an improvement over competitive cosmetic designs. Our end piece design features a “ball” of 2.0mm on a 1.0mm thin, yet rigid end piece to discretely cover the threaded end piece attachment screw.

ARE THERE ANY TEMPLE SCREWS AVAILABLE FOR ASPIRE FRAMES?

NO. Aspire frames utilize the latest technology in screwless hinges. These hinges have been tested for durability and strength and will remain fully functional for the life of the frames.

HOW TO EDGE THE ASPIRE 1.0 SEMI RIMLESS FRAMES:

- Edge your lens as you would any semi rimless grooved lens. We recommend polishing the edge for the most cosmetic appearance.
- The nylon cord has been inserted through two holes at both the temporal and nasal ends. The cord goes through a metal keeper (washer) that prevents the nylon cord from slipping through the holes in the frame.
- The top of the frame has been designed with a “T” wire/reversed groove to support the lens. Insert the Rx lens using the enclosed insertion ribbon by placing the top of the lens into the “T” wire at the top of the frame and with the nylon cord in front of the lens. Place the cord into the lens groove and slide into the lens beginning at the temporal to the nasal, and all around the frame. Now that the lens is secure, remove the insertion ribbon.

To replace a broken nylon cord, restring with the enclosed spare nylon cord provided as you would any semi rimless design.

If you need an additional metal keeper (washer), please contact our customer care department.

Thank you for purchasing Aspire 2.0 EYEWEAR. This collection was designed as a fully customizable system. With 12 shapes, 18 colors, 4 bridge options, and 3 temple options, the combination possibilities are endless!

IMPORTANT ASPIRE 2.0 PRODUCT INFORMATION

WHAT MATERIALS ARE USED IN THE ASPIRE 2.0 FRAMES?

3-pc Rimless Aspire custom frames are mold injected using a high performance proprietary nylon composite polymer (SDN-5). SDN-5 is a super lightweight and flexible plastic material.



HOW MANY DIFFERENT BRIDGE FITS ARE AVAILABLE?

- The standard plastic unifit bridge comes with a small or large nasal insert, this insert easily snaps on and off the back of the plastic bridge. This comes with your chassis Rx kit.
- There are also two optional bridges available with adjustable pad arms: one plastic bridge option and one metal bridge option.

HOW CAN YOU CHANGE THE BRIDGE?

All bridge options attach to the lenses with the same nylon compression plug system as the standard unifit bridge.

ARE THE ADJUSTABLE NOSE PADS REPLACEABLE?

YES. You can replace the nose pads on Aspire 2.0 the same way you would change on any click on pad arm attachment system.

ARE THE STAINLESS STEEL PAD ARMS REPLACEABLE?

NO. Should a nose pad arm fall out through patient wear and tear, please return the frame under warranty.

IMPORTANT ASPIRE 2.0 PRODUCT INFORMATION

WHAT MATERIAL ARE THE METAL BRIDGES WITH METAL ADJUSTABLE PAD ARMS MADE OF?

The metal bridge is made of Copper Beryllium and the metal pad arms are made of Stainless Steel.

WILL THE OPTICIAN BE ABLE TO “SHRINK” OR “STRETCH” THE FRAME WITH HEAT?

NO. The proprietary nylon composite polymer (SDN-5) will not shrink or stretch with heat. This material should NOT be heated for adjustments.

WILL RUBBING ALCOHOL AFFECT THE FRAME FINISH?

YES. As on Aspire 1.0, only mild soap and water should be used for cleaning.

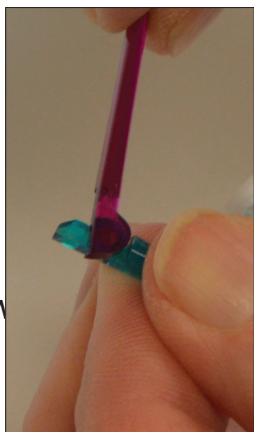
DO DISPENSARY SAMPLES COME ASSEMBLED?

YES. Dispensary samples come fully assembled for customer try-on of the various parts available (bridge, temples, tips). All Rx orders come in a special chassis Rx kit box with all parts unassembled ready for lab assembly.

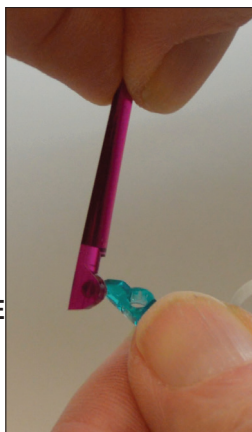
WILL I BE ABLE TO CHANGE MY TEMPLATES?

YES. Aspire 2.0 is designed using a “patent-pending” technology which allows you to easily interchange temples and tips. All temples within the collection interchange with one another.

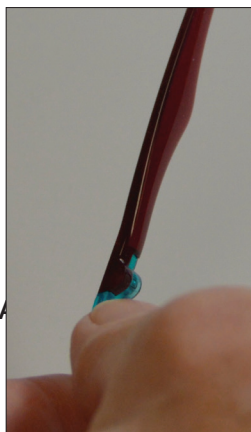
STEP 1:
CLOSE TEMPLE



STEP 2:
LIFT UP TEMPLE GENTLY
AND CLICK OFF



STEP 3:
IN CLOSED TEMPLE
POSITION - LINE UP
WITH HOLE AND SNAP
IN NEW TEMPLE.



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There are 3 different temple options which all come standard as part of the chassis Rx kit: Adjustable temple with a skull or cable tip and a one size paddle temple. All can easily be clicked on and off by your customer.

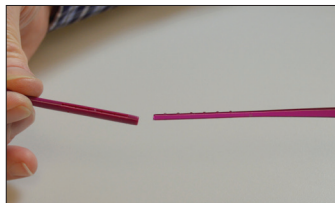
CAN THE TEMPLE LENGTHS BE ADJUSTED?

YES. SDN-5 skull and cable temple options were designed to be adjustable. Pull tip forward to shorten or pull back to lengthen in 5mm increments.

HOW TO ADJUST TEMPLE LENGTH:

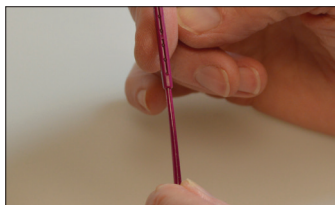
STEP 1:

SLIDE EITHER SKULL OR CABLE TIP VERSION OFF.



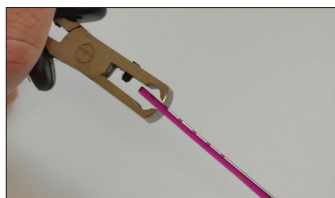
STEP 2:

ADJUST BY REINSERTING TIP BY SLIDING ONTO THE ADJUSTED LENGTH. EACH CLICK EITHER SHORTENS OR LENGTHENS BY 5MM.



STEP 3:

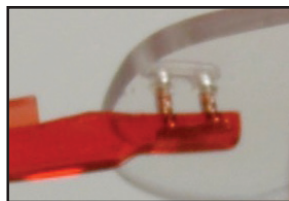
IF LENGTH NEEDED IS SHORTER THAN 130MM, TRIM TEMPLE TO DESIRED LENGTH WITH CUTTING PLIER AT RAISED MARKINGS ON THE UNDERSIDE OF THE TEMPLE



NOTE: Full SDN-5 paddle temples **CANNOT** be shortened in office.

DOES ASPIRE 2.0 REQUIRE SPECIAL LABS FOR LENS EDGING?

NO. Aspire 2.0 uses a standard compression plug mounting system which does not require a special lab use. You can use any labs convenient to your practice. Although this system does not require edging with a groove, we recommend polishing the lens edge for the most cosmetic appearance.



ARE THERE RECOMMENDED LENS

MATERIALS?

YES. Aspheric polycarbonate, Trivex and High Index lenses are recommended. Any ECP or external laboratory can fabricate.

HOW MANY DIOPTERS IS THE MAXIMUM IDEAL SUGGESTED FOR THIS COLLECTION?

As on Aspire 1.0, Aspire 2.0 has been tested with -6.00 diopter aspheric polycarbonate to +4.00 aspheric polycarbonate lens.

CAN I ORDER DEMO LENSES AND PATTERNS FOR ASPIRE 2.0?

Currently there are 12 standard eye shapes with supplied drilling guides. Demo lenses are available if needed, along with on-size patterns. Of course you can create any lens shape or size you can design as well.

DO ASPIRE 2.0 FRAMES UTILIZE COMPRESSION PLUG ATTACHMENT MOUNTINGS?

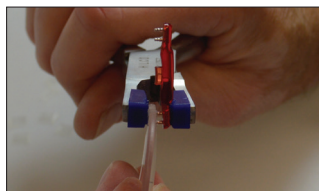
YES. As these are 3-pc rimless frames, a compression plug is the preferred and easiest and most secure method to mount these lenses. No screws, nuts, washers or notches are required.

CAN YOU USE STANDARD COMPRESSION PLUG PLIERS TO ASSEMBLE?

YES. Use standard compression plug pliers to assemble Aspire 3 piece rimless frames.

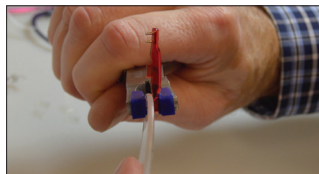
STEP 1:

STANDARD COMPRESSION PLUGS WITH DRILL CHARTS AVAILABLE FOR EACH OF OUR 12 STANDARD SHAPES.



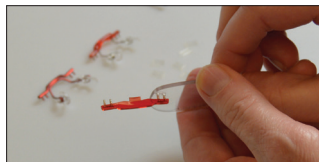
STEP 2:

ALIGN COMPRESSION PLIERS TO TRIMMED COMPRESSION PLUGS.



STEP 3:

CAREFULLY CLOSE PLIERS AND APPLY PRESSURE FOR SECURE FIT.



STEP 4:

REPEAT FOR OTHER SIDE OF BRIDGE AND BOTH END PIECES.

NOTE: End piece and bridge components have slight raised molded lines to make gripping with plug pliers easier.

AM I ABLE TO ADJUST ASPIRE 2.0 FOR PANTOSCOPIC TILT?

Aspire SDN-5 can be adjusted for pantoscopic tilt by drilling the mounting holes at an angle. The end pieces CANNOT be adjusted after assembly.

IS THIS NEW MATERIAL MORE FRAGILE THAN STANDARD MATERIALS OR SDN-4?

NO. SDN-5 is a derivative of SDN-4 and it has been tested to be as strong and durable as SDN-4 and other standard materials. SDN-5 components are extremely flexible, lightweight, and hypoallergenic.

WILL EXTREME TEMPERATURE IMPACT THE FRAME QUALITY?

NO. As a derivative of SDN-4, SDN-5 also had the ability to function in extreme temperature conditions. We recommend that consumers treat their Aspire frames with appropriate care.

ASPIRE