



# #276-XT SMOK SPEC PLUNGER Spectacle Kit

**INSTRUCTIONS FOR PROPER PLACEMENT OF FRAME IN AIR MASK:** The corrected #276-XT Plunger spectacle is suctioned onto the upper midline inner surface of the face plate so that the user looks through the centers of the prescription lenses. Once the frame is properly located in the mask, the user should permanently mark the outer surface of the face plate opposite the suction cup. This mark becomes a future reference point for quickly positioning the suction cup on the inside of the face plate. For proper horizontal alignment of the spectacle in the air mask, align the horizontal white reference line visible on the top of the frame carrier parallel to top edge of the mask. Always moisten the inside of the suction cup prior to positioning it on the face plate. All contact surfaces must be clean for proper suction. **PROLONGED USE OR EXPOSURE OF THE SUCTION CUP IN EXTREMELY HOT AND/OR HUMID CONDITIONS MAY CAUSE RELEASE OR SLIPPAGE.** For such adverse environmental conditions, it is strongly recommended that consideration be given to using the ULTRA Smok Spec spectacles (#233TS or #411) which utilize brackets bonded onto the face plate.

The #276-XT Smok Spec Plunger consists of a suction cup, anchor bracket, and interlocking frame front. Anterior-posterior (front to back) adjustment of the frame front can be accomplished by screwing the suction cup in or out of the anchor bracket as needed. The frame front can be adjusted vertically by sliding the “T” shaped frame carrier up or down the anchor bracket’s receiving channel. Vertical alteration can also be accomplished by repositioning the suction cup up or down on the face plate’s inner surface. The #276-XT Smok Spec Plunger can be converted into a #276 Smok Spec Plunger by (a) detaching the frame front from the anchor bracket and (b) unscrewing the suction cup from the back of the anchor bracket and threading it into the upper hole on the “T” shaped frame carrier (see Figure 1). The #276-XT Smok Spec can also be converted into a #411-TS ULTRA Smok Spec simply by removing the suction cup from the anchor bracket. The ULTRA Smok Spec is then attached to the mask by bonding (cementing) the anchor bracket onto the inner surface of the face plate.

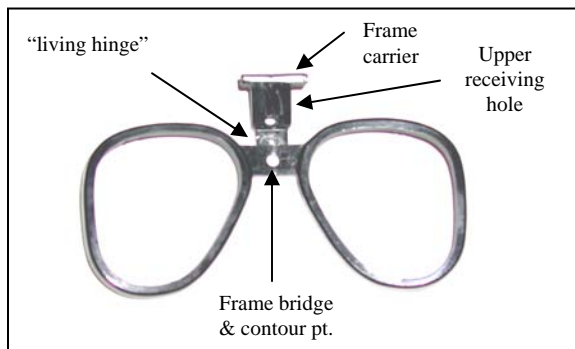


FIGURE 1

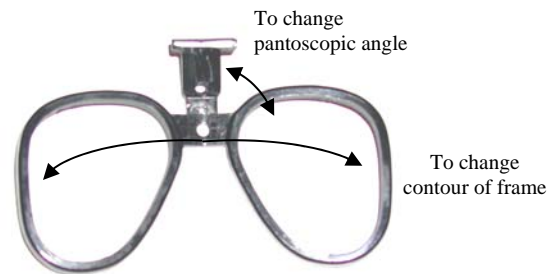


FIGURE 2

**NOTE TO OPTICIAN:** This frame front can be reconfigured to accommodate different lens patterns. For smaller volume air masks or bifocal Rx's, the “Classic” pattern is suggested. For larger volume air masks or single vision Rx's, the “S-11” pattern is suggested. When in doubt, use the “Classic” pattern. This frame’s eye shape can be altered to an S-11 configuration by edging the lenses with an “S-11” pattern ( $\pm 149$  mm lens circumference). The frame front should be contoured (manually or thermally) to approximate the curvature of the face plate. To contour the frame front, bend or fold the frame inward around its contour point (see Figures 1 and 2). To change the frame’s pantoscopic angle or tilt before the user’s eyes, manually bend the frame carrier forward or backward at the “living hinge” (see Figures 1 and 2). The front of the frame should be angled so that the distance of the lenses from the user’s eyes is approximately 14 mm. A properly positioned frame should not make contact with the user’s face. Users should adjust the frame angle before their eyes to meet their individual comfort level.

**WARRANTY (excluding lenses):** Two years against breakage or defects if properly cared for. **Proper care entails soaking the nylon frame in water for approximately 24 hours every 2-3 months.**