



Denkmeier Optical, Inc. 12636 Sunset Ave J2
Ocean City, MD 21842 Phone: 866-340-4578

The New Denkmeier “Bino-Corrector™” For The P.S.T.™

Our latest innovation is a relay system that allows the Coronado P.S.T.™ to be used with any Denk Binoviewer. See our nearest Star in H- α with two eyes. The Bino-Corrector threads into any Standard or Denk II Binoviewer or Power x Switch that is attached to a Denk Binoviewer. Amazing detail is visible and best of all its convertible - Produces both low and high power images with a single pair of eyepieces.

Allows Two Magnification Factors

The Bino-Corrector has been designed to be small in stature but large when it comes to flexibility. In fact, it is only three inches long in both the high power and low power modes. The high 2.6X magnification mode brings out detail in prominences yet still allows the entire Solar Disc to be seen in our 65 degree D21 eyepieces. When seeing is unsteady or if lower magnification is desired, thread in the zero profile low power optical cell and magnification is reduced to 1.5X . It's that easy.

Designed For Best Results

The P.S.T. is a very unique instrument and we at Denkmeier Optical have spent many months observing the Sun with it through our Binoviewers. We have designed the Bino-Corrector so that it functions at two magnification factors that have provided the most stunning views in typical seeing conditions. Because the 2.6X mode allows long focal length eyepieces to be used, the generous eye-relief that they normally produce is maintained, but at higher powers. Since the P.S.T. image scale can be small to begin with, eyepieces with short focal lengths and limited eye-relief must be used for close-up examination of prominences. Now, with the 2.6X mode of the Bino-Corrector long focal length eyepieces with good eye-relief will yield high power views. This means that you can stay a bit back from the oculars and reduce the *high-power shakes* that often occur when the observer must be in contact with the eyepieces. Of course, seeing may not always be rock steady and low magnification mode is only seconds away. Thread the zero profile low power optic into the Bino-Corrector and magnification is reduced to only 1.5X (in comparison to the magnification of the same eyepiece used in the P.S.T. without the Binoviewer). The corrector remains the same length in either the 1.5X or the 2.6X mode. It's that easy.

Economical Price

We use our special Denk Multi-Coatings on every surface of the custom ground optics used in the Bino-Corrector. The housings are CNC machined, anodized and laser engraved. The P.S.T. is very reasonably priced and we are happy to take the lead from the good folks at Coronado Technologies so we have kept the price low, but the quality high. Affordably priced at \$179 + \$6.50 USA Priority Shipping.

Call Denkmeier Optical Today.

Toll-Free Order Line: 866-340-4578

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P.S.T.™ Bino-Corrector Operation

Low 1.5X Power Mode

The P.S.T. Bino-Corrector is shipped with 1.5X the low power cell already installed in the main corrector tube. This cell is easily threaded on or off in seconds. With the Low Power cell *installed*, a low 1.5X magnification factor will result. This 1.5X factor is calculated in comparison to a single eyepiece used directly in the P.S.T. without the Denk Binoviewer.

High 2.6X Power Mode

With steady seeing conditions, the 2.6X high power mode offers highly detailed views and our D21 Eyepieces still offer a full disc image with amazing contrast. Simply unthread the 1.5X cell and insert the Binoviewer and Corrector Tube into the P.S.T. Diagonal once again. The P.S.T. focuser knob must be turned to obtain a focused image.



Threads Into The Binoviewer

The Bino-Corrector for the P.S.T. has been carefully designed for operation in any Denkmeier Binoviewer. The Main Corrector Tube will thread directly into the Binoviewer after an existing Binoviewer nosepiece is removed. The Corrector will *not* thread into a Denk Binoviewer Nosepiece and must only be threaded directly into the Denk Binoviewer bottom faceplate or any Denk Power x Switch™. If the Bino-Corrector is to be threaded into a Denk Power x Switch, it is important that the Power x Switch Arms be moved to the “OUT” position for focus to be achieved when using the Bino-Corrector for The P.S.T.

Eyepieces

Denkmeier’s new D21s provide an extremely high contrast and comfortable view when used with a Denkmeier Binoviewer and the Bino-Corrector. Full discs views will occur even when the 2.6X high power mode is being used. The 65 degree Apparent Field Of View (AFOV) provides an expansive black sky background for prominences to be viewed against. We utilize Japanese High Index Glass and each and every pair of D21s are assembled in our Maryland facility after all optical lens surfaces are examined with loupes. Then each pair are tested in a Denk Binoviewer for perfect matching and assigned a number. The batwing eye-guards rotate in order to compensate for the rotation of our SCD Holders. The D21s are then sealed in fully machined anodized aluminum Eyepiece Vaults before shipping.



Want to Learn More Or Place An Order Online?
Visit Our Online Store! <http://www.denkmeier.com>

Or Call Us Toll-Free: 866-340-4578
Hours: 10A.M. - 5P.M. EST Mon-Fri