



SOLARMAX 90 TELESCOPE

In use around the world from private observatories to professional research facilities. The SolarMax 90 telescope is compatible with most imaging systems. Part # SM90T15.

| | | | |
|--------------|-------|-------------------|-------------------------------|
| APERTURE | 90mm | BANDWIDTH | <0.7Å |
| FOCAL LENGTH | 800mm | THERMAL STABILITY | 0.005 Å/°C |
| F/RATIO | F/8.8 | SAFETY BLOCKING | >10 ⁻⁵ from EUV/IR |



SOLARMAX 60 TELESCOPE

Built to our exacting standards the SolarMax 60 solar telescope provides the user a telescope with the same lightweight portability of our SolarMax 40 H-alpha solar telescope but the extra aperture greatly increases the resolution of detail on the surface and on the limb. Part # SM60T

| | | | |
|--------------|-------|-------------------|-------------------------------|
| APERTURE | 60mm | BANDWIDTH | <0.7Å |
| FOCAL LENGTH | 400mm | THERMAL STABILITY | 0.005 Å/°C |
| F/RATIO | F/6.6 | SAFETY BLOCKING | >10 ⁻⁵ from EUV/IR |



LXD75 MOUNT

LXD75 Mount and Tripod, dovetail mounting plate, Meade's 497 Autostar Controller (equatorial mount suitable for all SolarMax units).

Part # LXD75



DS SERIES MOUNT

DS series mount, tripod, and OTA bracket with Meade's 497 Autostar Controller (computerized alt-az mount suitable for PST & SolarMax 40-70).

Part # DSM



SOLARMAX 40 TELESCOPE

The SolarMax 40 H-alpha solar telescope has the same aperture as the P.S.T. but is distinguished by several key factors. The SolarMax 40 telescope comes standard with a < 0.7 angstrom bandpass which results in increased surface detail across the disk.

| | |
|-------------------|-------------------------------|
| Aperture | 40mm |
| Focal Length | 400mm |
| F/Ratio | F/10 |
| Bandwidth | <0.7Å |
| Thermal Stability | 0.005 Å/°C |
| Safety Blocking | >10 ⁻⁵ from EUV/IR |
| Part # | SM40T10 |



PERSONAL SOLAR TELESCOPE P.S.T.

The PST H-alpha solar telescope is the world's most popular telescope to observe the Sun. This little telescope is another step toward our goal of making it possible for everyone to experience the Sun our way.

| | |
|-------------------|-------------------------------|
| Aperture | 40mm |
| Focal Length | 400mm |
| F/Ratio | F/10 |
| Bandwidth | <1.0Å |
| Thermal Stability | 0.005 Å/°C |
| Safety Blocking | >10 ⁻⁵ from EUV/IR |
| Part # | PST |





CEMAX EYEPIECES

In the construction of solar filters and associated instrumentation, Coronado takes enormous care to optimize contrast by minimizing the number of components and designing them so that they do not result in creating residual reflections and spurious light near the image. Until recently, the only component not included in this overall approach was the eyepiece. Now the new CEMAX (Contrast Enhanced) series eyepiece fills this need. Specifically designed for use at H-alpha and multi-coated on every surface (including cemented surfaces), the CEMAX eyepieces are the ultimate in contrast enhancement for the solar observer. **THE CEMAX EYEPIECES ARE NOT FILTERS AND FOR SOLAR OBSERVING MUST BE USED IN CONJUNCTION WITH A SAFE SOLAR FILTER.** Many users have commented that the CEMAX also afford excellent contrast for planetary viewing.



SOLARMAX 90 FILTER

The SolarMax 90 can be used on almost any telescope design under 3000mm focal length. The larger 90mm aperture increases resolution and allows for the user to view individual sections of solar activity at high magnification. When viewing a full disk the user gets the impression of curvature on the surface. The extra resolution will provide some stunning views; you haven't seen the Sun until you have looked "down" through a filament onto an active region. The SolarMax 90 provides consistent and breathtaking H-alpha views.

| | |
|-------------------|-------------------------------|
| APERTURE | 90mm |
| FOCAL LENGTH | Variable |
| F/RATIO | Variable |
| BANDWIDTH | <0.7Å |
| THERMAL STABILITY | 0.005 Å/°C |
| SAFETY BLOCKING | >10 ⁻⁵ from EUV/IR |



SOLARMAX 60 FILTER

The SolarMax 60 can be used to adapt most telescopes under 3000mm to H-alpha observing. Our mid-sized filter, SolarMax 60, provides greater resolution and opportunities for resolving detail at higher magnification than the SolarMax 40. All SolarMax series filters are sold in sets by matching the front mounted SolarMax and rear blocking filter.

| | |
|-------------------|-------------------------------|
| APERTURE | 60mm |
| FOCAL LENGTH | Variable |
| F/RATIO | Variable |
| BANDWIDTH | <0.7Å |
| THERMAL STABILITY | 0.005 Å/°C |
| SAFETY BLOCKING | >10 ⁻⁵ from EUV/IR |



SOLARMAX 40 FILTER

The SolarMax 40 was designed specifically for use on short fast refractors under 1000mm focal length. Though small in size the 40mm filter is large enough to resolve fine detail in surface structure and on the limb of the Sun. The SolarMax 40 will provide full disk H-alpha views when matched with the appropriate Blocking Filter. All SolarMax series filters are sold in sets by matching the front mounted SolarMax and rear blocking filter.

| | |
|-------------------|-------------------------------|
| APERTURE | 40mm |
| FOCAL LENGTH | Variable |
| F/RATIO | Variable |
| BANDWIDTH | <0.7Å |
| THERMAL STABILITY | 0.005 Å/°C |
| SAFETY BLOCKING | >10 ⁻⁵ from EUV/IR |

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Coronado Solar Telescopes and Filters



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