

# The SolarMax® II 60 Telescope



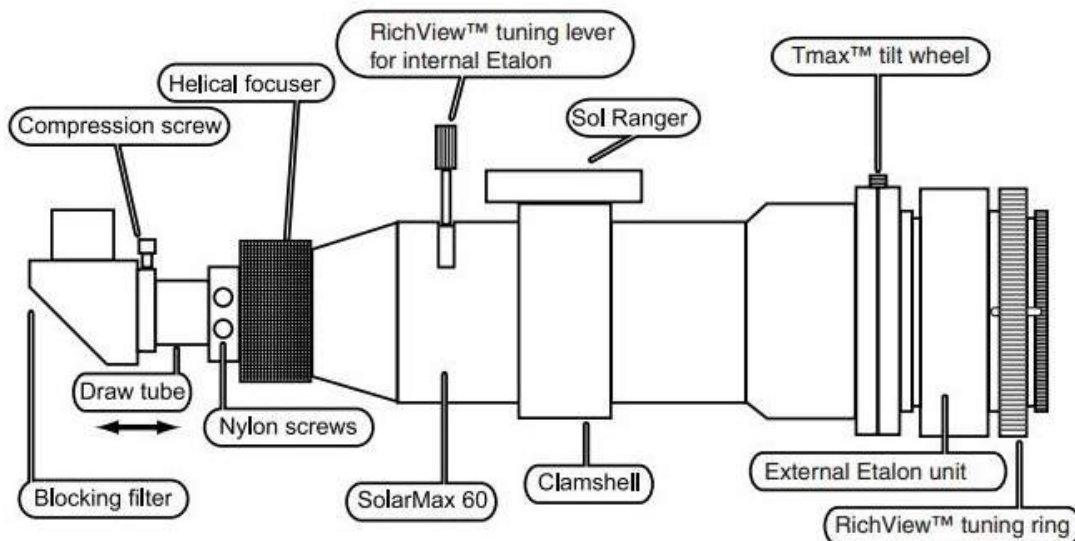
In November 2017 LTSF received a grant from the Community Foundation of Northern Colorado that enabled it to purchase a new Hydrogen-Alpha solar telescope. Our old solar telescope had been in use since 2001 and had fallen behind the current state of the art for these devices. It will now be used for public outreach projects, together with our C-90 white light Maksutov telescope.

This telescope is mounted on top of our 18" Tinsley Classical Cassegrain reflector telescope in our West dome. It will be used with our 6" Astro-Physics refractor, which is equipped with a solar white light filter.

## Technical Information for the SolarMax II 60 - Double Stack Telescope

Mount: Polar Fork  
Diameter: 60 mm  
Focal ratio: f/6.6  
Focal length: 400 mm  
Bandwidth: single stacked  $< 0.7 \text{ \AA}$ , double stacked  $< 0.5 \text{ \AA}$   
Magnifications: 18mm Plössl (22x), 25mm Plössl (16x)

## Telescope Design



**SolarMax II 60 - Double Stack**