

Manual Conversion Kit

Focuser with Adapter for LS100MT-Telescopes

You can exchange easily the H-alpha system in the LS100MT against this high-quality and solid focuser. So it is possible to observe the starry night sky - with the same telescope. The LS100MT then becomes a true 3-lens ED Apo refractor!

But there is more: with the new focuser and a Lunt Solar Systems Herschel-Wedge the LS100MT can also be used to observe the sun in white-light, or together with a LUNT Ca-K filter for solar observing in Calcium-K wavelength!

This focuser with adapter is designed especially for the LS100MT H-alpha telescope, therefore it can only be used with a LS100MT solar telescope.

Warning

Do not remove any filter module from the LS100MT telescope while it is pointed at the sun!

Do not point the LS100MT at the sun if the new focuser is installed!

There will be no more solar filter inside the LS100MT if the new focuser is installed (see installing instructions below). So you can use now the LS100MT as real 3-lens Apo refractor telescope for observing and imaging the starry night sky.

If you want to observe the sun you have first to install again the H-alpha module, or you need a additional solar filter like our Herschel-wedges or a Ca-K filter.

Installing the Conversion Kit at the LS100MT

The LS100MT is delivered with the H-alpha module assembled into the rear of the telescope tube. This H-alpha module is recognized as the red housing with the Pressure Tuner assembly attached. The H-alpha module can be removed by loosening the 3 aluminum thumb screws between the module and the rear of the telescope tube.

The H-alpha module is heavy. Make sure you have firm grip on the module before loosening the thumb screws. Once the screws are loosened, the H-alpha module will slip back and out of the telescope tube assembly.



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Now install the Conversion Kit (focuser with adapter) at the telescope tube.



Retighten the thumb screws hand-tight to secure the new focuser.



Now you can use the Apo telescope for observing the starry night sky, of course also for astro-photography. You can use any normal star-diagonals, eyepieces, cameras, and other accessories.

What is delivered with the system?

- high quality and solid 2" focuser with 10:1 reduction and adapter to LS100MT telescope
- Instruction manual

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