

**Newtonian: 150mm/5.9" @ f/5.0**  
**Parabolic multicoated mirror**



**GP R150S A.T.**

The R150S optical tube comes on the precise Great Polaris (GP) mount with an aluminum tripod (adjustable from 62cm to 90cm). A 6x30 finder scope, 20mm LV eyepiece, diagonal prism and triangle accessory tray all come standard with the package. Motor drives and a wide range of accessories are available as options. (Shown with optional motor drive and SD-1 controller.)

**Model # TS-PN-3210 Wt: 23.4 kg / 51.6 lbs**

**Wide-Field Pleasures Await!**

- **Fully Coated Optics**
- **0.77 arc-sec resolution**
- **No chromatic aberration**

**Design**

Newtonian reflector telescopes are completely free of chromatic aberration, and they are generally less expensive than refractor telescopes of equal aperture. The parabolic mirror reflectors have neither chromatic aberration nor spherical aberration and their center image is extremely sharp.

Vixen's unique sliding focus mount (for the R130S and R150S) has the advantage of using a smaller secondary mirror that minimizes light loss due to secondary mirror obstruction.

**Optional Photo Accessories**



**Tele-Extender R130S/R150S**

Tele-Extenders extend the effective focal length of the optical system. They can be used in place of a Barlow lens for imaging applications. Extends the focal length of the R150S from 750mm to 1500mm (f/10).

**Model # AV-TE-3631**



**Focal Reducer R130S/R150S**

Focal reducers shorten the effective focal length of telescopes to provide wider visual fields and faster f-ratios for astrophotography. This focal reducer is for astrophotography only. Shortens the focal length of the R150S from 750mm to 652mm (f/4.3).

**Model # AP-FR-3633**