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The Messier R-152S optical tube is a high-class achromatic refractor dedicated to advanced visual observations and astrophotography. It is equipped with a lens with a diameter of 152 mm and a focal length of 760 mm, made of 4 lenses (Petzval type construction). Thanks to this, the telescope is characterized by a large, flat field of view despite its high light intensity. It works perfectly in visual observations of planets and the Moon, showing many details of the surface of the Solar System objects. Among the deep sky objects, it allows you to see hundreds of nebulae from the Messier and NGC catalogs. Optics fully covered with anti-reflective layers (MC). Equipped with a 4-inch eyepiece extractor that can be reduced to 2 inches and 1.25 inches. The MC layers on the lens significantly increase the contrast of the images obtained, and the eyepiece lens with a diameter of 4 inches with a reduction to 1.25 inches allows the use of any glasses made in these standards. This telescope is an excellent choice for advanced sky observers. The optical tube can be mounted on any assembly with the stiffness class EQ-5 or higher, through a standard dovetail connector.

Characteristics: Optical system " high efficiency of the system and durability of the optics " durability and timeless

appearance of the tube Mounting the optical system " metal mounting rings for the tube " dovetail equipped with a stainless steel rail ensuring secure fixing of the tube in the mounting head and increasing the durability of dovetail " a handle for easy carrying the tube " piggyback photo adapter for attaching a camera Spectacle lift " 4 "/ 2" extractor equipped with a clamping ring " 2 "to 1.25" reduction equipped with a clamping ring and M42x0.75 (T2) thread " millimeter scale to facilitate focusing of images " high precision focus knob Equipment " SPL 26 mm / 1.25 "eyepiece " 8x50 mm finder with a cross " 90 ° 1.25 "angle mirror adapter / socket Technical parameters " Optical system: 4-lens achromatic refractor (Petzwal) " Objective diameter: 152 mm " Focal length of the lens: 760 mm " Lighted up: 1/5 " Resolving power: 0.92 " " Theoretical stellar range: 13.0mag " Maximum useful magnification: 300x " Maximum length of the extractor (extended): 11.8 cm " Outer diameter of the dewormer: 21 cm " Tube diameter: 15.9 cm " Length of the optical tube (with a diffuser): 112.5 cm " The mouthpiece: detachable, tube length after removing the graft approx. 90 cm " Weight: 10.7 kg Usage Moon planets star clusters nebulae landscapes Equipment The kit includes the following items: " Optical tube with clamps and dovetail rail " 2 " eyepiece with reduction to 1.25 ", with a millimeter scale and a T2 photographic thread " 26 mm / 1.25 "SPL eyepiece " 8x50 targeting scope with a cross " 90 ° 1.25 "mirror angle fitting Warranty 10 years (manufacturer's warranty) NEW : The Messier AR-152S tube is currently (from July 2015) equipped with a hexagonal extractor and a brass guide. PHOTOS MADE WITH THIS TELESCOPIC (Jupiter, click to enlarge) (Moon, click to enlarge) (Saturn) ADDITIONAL MATERIALS READ : A SHORT GUIDE TO CLEANING THE OPTICS > FREQUENTLY ASKED QUESTIONS << Question : I have a problem sharpening the accessories in this tube, as if I could not hide the extractor deeper than required. How to fix it? Answer: The eyepiece extractor can be shortened by 23.5 mm by twisting the sleeve between the 4 "extractor and the 2" reduction / adapter. The pictures below explain how to achieve this: