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GSO N-203/1000 M-CRF OTA is a complete optical tube in the Newton system with a main mirror diameter of 203mm and a focal length of 1000mm. It is a versatile astronomical instrument that allows to conduct very advanced visual observations and astrophotography. It is equipped with a 2-inch focuser with a reduction of 1.25 inches with a microfitter 10: 1 , allowing the use of both standards of eyeglass frames and very precise focusing. As far as the observation possibilities of this tube are concerned, it can be used to observe objects of the Solar System (Moon, planets, asteroids, comets) as well as nebulae. In its range there are several thousand nebular objects (all objects of the Messier catalog and an important part of the NGC catalog). The optical tube can be mounted on any assembly with stiffness class EQ-5 or higher (HEQ5, EQ6, with GOTO or without), through the standard dovetail link in the Vixen / Sky-Watcher / Meade standard. Characteristics Optical system ∅ high, over 94% efficiency of the system and durability of the optics ∅ parabolic mirror f / 5 ∅ mirror cooling system Eyeglass extractor ∅ 2 "lift equipped with a clamping ring ∅ microprocessor with planetary gear 10: 1 ∅ reduction of 2 "to 1.25" equipped with clamping ring ∅ millimeter scale for easy focusing of images. Equipment ∅ complete optical tube ∅ 8x50 mm finder with a cross 2 ∅ tube clamp ∅ dovetail

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rail in the Vixen / Sky-Watcher / Meade standard  $\hat{\text{€}}\text{€} 2 \text{ " / 2 \text{ " 35mm bushing with brass pressure ring$  Technical parameters  $\hat{\text{€}}\text{€}$  Optical system: Newton's headlamp  $\hat{\text{€}}\text{€}$  Diameter of the mirror: 203mm (8 ")  $\hat{\text{€}}\text{€}$  Focal length of the lens: 1000mm  $\hat{\text{€}}\text{€}$  Lighted: 1/5  $\hat{\text{€}}\text{€}$  Accuracy of the mirror's performance: 1 / 8?  $\hat{\text{€}}\text{€}$  Switching capacity: 0.69 "  $\hat{\text{€}}\text{€}$  Theoretical range: 13,5mag  $\hat{\text{€}}\text{€}$  Maximum useful magnification: 400x  $\hat{\text{€}}\text{€}$  Length of the optical tube: 920mm  $\hat{\text{€}}\text{€}$  Weight: 9,8kg Usage: Moon the planet star clusters nebulae astrophotography Warranty 2 years (complete optical tube with a diameter of 203mm) (in the set: tube with optics, finder 8x50 with cross, tube clips, dovetail width 43mm, sleeve "extender" length 35mm) (thin arms fastening the secondary mirror ensure minimized diffraction) (mirror cooling system - windmills) (Crayford 2 " / 1.25" focuser with clamping ring and micro-processor 10: 1) (adapter for 2 "glasses included)