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Newton's telescope with a diameter of 200 mm, short-focal, installed on the new GoTo Celestron Advanced VX parallactic mount. This telescope is one of the smallest models in the new series, sufficient to observe many details on the surface of the planets of the solar system. A good range allows finding numerous nebulous objects. It is a telescope quite short and relatively light, possible to carry. The tube has a 1.25" focuser and a 9x50 finder. The VX mount is equipped with the GoTo system, it is suitable for learning the fundamentals of astrophotography and allows you to hang a wide range of optical tubes of various types. Technical parameters Optical tube ∅ Lens diameter: 200 mm ∅ focal length: 1000 mm ∅ luminous: f / 5 ∅ maximum useful magnification: 472 times ∅ minimal useful magnification: 29 times ∅ optical system: Newton's reflector ∅ star range: 14 magnitudes ∅ tube length: 686 mm ∅ resolution: 0.58 " ∅ finder 9x50 ∅ material: aluminum ∅ weight: 6.35 kg Assembly ∅ carrying capacity: 13.5 kg (without counterweight) ∅ counterweight: 1 x 5.4 kg ∅ length of counterbalance bar: 30 cm ∅ size of the counterweight bar: 19 mm Tripod ∅ material: steel ∅ weight: 15.5 kg Drive ∅ controller: NexStar + with LCD display ∅ facilities database: 40,000+ objects in the database ∅ speed: 9 speeds, maximum 4 ° per second ∅ motors: constant-current motors with encoders ∅ power supply: 12 V 3.5 A ∅ running speed: stellar, lunar, solar ∅ available ports: 2x AUX, Autoguider, RS-232 (on the controller) ∅ GPS: optional available ∅ PEC: yes, with storage (PPEC) ∅ latitude: from 7 to 77 degrees ∅ internal clock: yes ∅ RA / DEC wheels: no Glasses ∅ 20 mm (1.25 ") magnification 50 times Weight : 32 kg