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TPL Advanced ICD 10-160 TRINO is a high-quality microscope for professionals, equipped with a bi-ocular stereo head, third optical and optical zoom. It works great as a technical, industrial and biological microscope in the field of small and medium magnifications. Lens connection with smooth zoom adjustment in the 1x-4x (zoom) range, interchangeable 10x and 20x wide-angle eyepieces and a 2x lens / converter enables observation in a wide range of magnifications from 10 to 160x. Rotating in the 360° range and the raised three-spotted microscope head allows the observation of large objects such as minerals, works of art (maintenance), electronic systems and the like. The photographic stem is the end of an additional optical path for shooting using microscope cameras (PC glasses) and digital SLR cameras. The design of the head allows observation and simultaneous shooting. Halogen top and bottom lighting enables bright and full contrast images of the observed objects. The tests can be carried out in both transmitted and reflected light. The lighting can be supplemented with optional diode or fluorescent lights. Irreplaceable optical device for professional cellphone services. Technical data: Zoom: 10x - 160x Glasses: 10x, 20x (WF) Lens: 1.0 - 4.0x (zoom) The diameter of the eyepiece: 30.5 mm Diameter of the third track: 23 mm Lighting: halogen upper and lower Field of view and working distance: - (10x) Field of view diameter: 22 mm / working distance: 80 mm - (20x) Field of view diameter: 9.5 mm / working distance: 80 mm - (40x) Field of view diameter: 4.5 mm / working distance: 80 mm - (80x) Field of view diameter: 2.5 mm / working distance: 80 mm (configuration with 20x glasses) - (160x) Field of view diameter: 1.25 mm / working distance: 25 mm Weight: 4790 g The set also includes: microscope with the third optical path glasses WF 10x 2 pieces, 20x 2 pieces, 2x converter blue filter AC adapter case Warranty 2 years Optional equipment (available separately) aluminum case upper LED diode fluorescent top lighting below - photos taken with this microscope and camera ? Bresser 3 Mpix Microcam; objects: PLN 100 banknote, brass coin, matchstick, fabric, salt crystals - objects in light passing - click on the picture to see in full size USB + Wifi - click on the picture to view full size