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A binocular transmission microscope with a magnification range of 7x-45x equipped with wide-angle eyepieces and a stereo zoom lens (0.7x - 4.5x). Highly adjustable head with adjustable height allows you to observe large objects. In addition to observations using eyeglasses, you can connect a PC eyepiece and conduct simultaneous observation and image registration. Independent regulation of halogen intensity, strong lighting and the ability to choose one of the types (upper and / or lower) allows for observation in transmitted and reflected light. A solid, metal stand ensures stable microscope placement. Binocular two-side attachment with a 30 ° inclination of the eyeglass line from the horizontal line with the adjustment of the spectacle spacing and diopter adjustment in both glasses in the range of -5 to +5 Dioptres, allows for optimal setting of the observation position, depending on the user's requirements. NECESSARY MICROSCOPE IN JUBILER, ART MAINTENANCE, REPAIR OF ELECTRONIC SYSTEMS Technical parameters â€¢ head type: binocular â€¢ magnification range: 7-45x â€¢ glasses: 10x wide angle, 2 pieces â€¢ zoom lens with smoothly variable magnification in the range of 0.7 - 4.5x â€¢ lighting: halogen lower and upper â€¢ Field of view diameter (visible circle with diameter D) 7x: D = 49 mm 25x: D = 8.4 mm 45x: D = 4.5 mm â€¢ depth of field evaluation 7x: +/- 2 mm 12x: +/- 1 mm 25x: +/- 0.25 mm 45x: +/- 0.1 mm â€¢ working distance (distance between the observed surface and the lens): 77 mm, independent of the magnification (with an error equal to the depth of focus) â€¢ maximum height of the object set on the surface of the microscope table: 138 mm (there is still 77 mm of free space above the object, vide : working distance) â€¢ height with maximum head lifting: 49 cm for glasses 45 cm to the head of the head â€¢ height with minimal head lifting: 37 cm for glasses 32 cm to the top of the head â€¢ width (maximum): 25.5 cm â€¢ depth (maximum): 34.5 cm â€¢ weight: 4.79 kg (including glasses) Warranty 2 years EXAMPLE OF PICTURES OF MINERALS PERFORMED BY THIS MICROSCOPE