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TPL XSP-136 BINO 40-1600x is a binocular, biological and laboratory transmission microscope with a wide range of magnifications from 40 to 1600x, equipped with 10x (2), 16x (2) wide-angle glasses and four achromatic lenses 4x, 10x, 40x and 100x. The range of magnification optimally selected for biological and laboratory applications, including blood tests. The microscope is equipped with a stereoscopic head that enables two-eye observation of the preparations. The head is tilted at an angle of 30 ° and rotates through 360 °. The included cross table with a wide adjustment range (along 30 mm, across 60 mm) facilitates setting the preparation and searching for interesting fragments. A solid metal tripod ensures a stable positioning of the microscope, and the binocular eyepiece attachment with the possibility of easy adjustment and adjustment to the distance between the eyes (range 55-75 mm) and additional diopter correction \pm +/- 5 Diopter in the right eyepiece allows you to set the optimal operating parameters. The coarse and fine focusing knobs allow for precise setting of the preparation. Technical parameters " magnification: 40x - 1000x (40x, 64x, 100x, 160x, 400x, 640x, 1000x, 1600x) " glasses: WF 10x / 23 mm - 2 pieces, WF 16x / 23 mm - 2 pieces " lenses: DIN 4x / 10x / 40x / 100x (oil) - achromatic, including 40x and 100x amortized " lighting: LED " power supply: 230 V " weight: 4160 g Accessories included " integrated condenser circuit " object table 125x130 mm with a movable cross table in the range: front - back 30 mm, left - right: 60 mm " sharpness adjustable with a stage, macro and micro screws (1:10, 20 mm) " low illumination illuminator " smooth adjustment of lighting intensity " integrated lighting power supply " Abbe condenser with NA 1.25 aperture, diaphragm \varnothing 2 mm - 30 mm Warranty 2 years SAMPLE PHOTOS OF BIOLOGICAL PREPARATIONS MADE BY THIS MICROSCOPE