

شرح فنی میکروسکوپ متالوگرافی مدل Kalstein YR025R-0P2:

الف) مشخصات فنی دستگاه:

Item	Designation
Optical system	Infinity Optical System
Eyepiece (Ocular)	Exceed wide field ocular EW10X/22, tube 30 Matched
Infinite plan achromatic	5 x/0.12/∞/-(BF) 10x/0.25/∞/-(BF /DF) 20x/0.4/∞/0(BF /DF) 50x/0.75/∞/0(BF) 100 x/0.9/∞/0(BF) 40x/0.65/∞/0.17 100 x/1.25/∞/0.17 40x/0.6/∞/0(BF /DF) 50x/0.75/∞/0(BF/DF)
Upper limit	30 mm
Viewing head	Compensation Free Trinocular Head Inclined at 30°, Interpupillar distance 48-75mm
Reflected light illumination	24 V, 100 W halogen bulb (pre-centered) Koehler Illumination, Aspheric collector Polarizer and analyzer coupling plate Blue, green, yellow filter and frosted glass
Transmitted light illumination	Swing out condenser NA0.9/0.25 24V/100W halogen bulb, Aspheric collector Blue filter
Filter	ND25, ND6
Focus system	Coaxial Coarse and Fine Focusing System Sensitivity and Graduation of Fine Focus: 0.001mm, tension adjustment on coarse focus adjustment knob. Upper limit stopper
Nosepiece	Backward Quintuple Nosepiece
Stage	Double layer mechanical stage, area: 186x138mm, movement range: 74mmx50mm sample board Slide

Smoothing presses	
Video accessories	
Video Mount	C Mount 1 x, 0.5x