

Учебные микроскопы RED серии

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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SPECIFICATIONS	RED100	RED101	RED120	RED130	RED131	RED132
Optical System						
Finite optical system, 160mm	●	●	●	●	●	●
Observation Tube						
Monocular	●		●	●		
Dual view monocular		●			●	
Binocular Siedentopf type						●
Inclination						
45° inclined, 360° rotating	●		●	●		
30° inclined and vertical, 360° rotating		●			●	
30° inclined, 360° rotating						●
Interpupillary distance						
55-75mm						●
Diopter adjustment						
On the left tube , +/- 5 diopter						●
Eyepieces						
WF10X/18mm with pointer, lockable	●	●	●	●	●	●
Nosepiece						
Reversed triple revolving nosepiece with click stops	●	●				
Reversed quadruple revolving nosepiece with click stops			●	●	●	●
EA Achromatic Objectives (DIN)						
4X/0.10, 10X/0.25, 40X/0.65/S	●	●				
4X/0.10, 10X/0.25, 40X/0.65/S, 100X/1.25/S-Oil			●	●	●	●
Stage						
Gliding stage with “one-touch” sample clips	●	●				
Built-in low position coaxial mechanical stage with sample holder and 77 x 25mm X/Y travel range			●	●	●	●
Stage size						
110mm x 110mm	●	●				
120mm x 120mm			●	●	●	●
Condenser						
Built-in 0.65 N.A. condenser with iris diaphragm	●	●				
Spiral mounted 1.25 N.A. Abbe condenser with iris diaphragm			●	●	●	●
Focus mechanism						
Separated coarse and fine focusing system with tension adjustment	●	●	●			
Coaxial coarse and fine focusing system with tension adjustment				●	●	●
Fine focus precision						
2µm minimum increment	●	●	●	●	●	●
Z-axis movement						
7mm			●	●	●	●
13mm	●	●				
Illumination						
Battery/Cordless LED 20mA, 3.5V, 70mW with intensity control	●	●	●	●	●	●

SPECIFICATIONS

RED211 | RED220 | RED223 | RED230 | RED233

Optical System					
Finite optical system, 160mm	●	●	●	●	●
Observation Tube					
Monocular	●				
Binocular Siedentopf type		●		●	
Trinocular Siedentopf type (0,5X c-mount adapter included)			●		●
Inclination					
30° inclined, 360° rotating	●	●	●	●	●
Interpupillary distance					
55-75mm		●	●	●	●
Diopter adjustment					
On the left tube , +/- 5 diopter		●	●	●	●
Eyepieces					
WF10X/20mm	●	●	●	●	●
Nosepiece					
Reversed quadruple revolving nosepiece with click stops	●	●	●	●	●
Achromatic Semi-Plan objectives - SP					
4X/0.10, 10X/0.25, 40X/0.65/S, 100X/1.25/S-Oil	●	●	●	●	●
Stage					
Built-in low position coaxial mechanical stage with sample holder and 77 x 50mm X/Y travel range	●	●	●	●	●
Stage size					
140mm x 135mm	●	●	●	●	●
Condenser					
Spiral mounted 1.25 N.A. Abbe condenser with iris diaphragm	●	●	●		
Focusable and centerable 1.25 N.A. Abbe condenser with iris diaphragm				●	●
Focus mechanism					
Coaxial coarse and fine focusing system with tension adjustment	●	●	●	●	●
Fine focus precision					
2µm minimum increment	●	●	●	●	●
Z-axis movement					
13mm	●	●	●		
19mm				●	●
Illumination					
LED 3W with intensity control	●	●	●		
LED 3W Koehler illumination with intensity control				●	●

SPECIFICATIONS

RED30S | RED39Z

Optical System		
Greenough	●	●
Observation Tube		
Binocular head	●	●
Inclination		
45° inclined	●	
45° inclined, 180° rotating		●
Interpupillary distance		
52-69mm	●	
51-77mm		●
Diopter adjustment		
On left tube , +/- 5 diopter	●	
On both tubes , +/- 5 diopter		●
Objectives system		
Turret changer with LED incident illumination	●	
Zoom, ratio 3:1		●
Objectives magnification		
2X - 4X	●	
1X ~ 3X		●
Working distance		
50mm	●	
60mm		●
Stand		
Fixed arm type stand	●	●
Base		
225 x 179mm	●	●
Column/Arm		
200mm high	●	
202mm high		●
Head holder		
Fixed	●	
For Ø66mm stereo head with LED incident illumination		●
Focus mechanism		
Coarse focusing system with tension adjustment	●	●
Focusing stroke		
46mm		●
47mm	●	
Incident illumination		
Battery/Cordless LED 3.5V / 100mW with intensity control	●	●
Transmitted illumination		
Battery/Cordless LED 3.5V / 100mW with intensity control	●	●

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