



SMZ168 Series

SMZ-168-TLED



A versatile Trinocular stereo microscope for a wide range of biological and material science applications in both routine and research fields. The Greenough optical system delivers impressive images in a parfocal 6.7:1 zoom. The standard magnification range of 7.5X-50X is the basis of a durable workhorse. Students and lab technicians benefit from the package solution with integrated 3W Transmitted/Incident LED illumination.



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Optical system	Greenough
Observation tube	Trinocular head
Inclination	35° inclined, 360° rotating
Trinocular light split	100:0/0:100 on left tube
Interpupillary distance	54-76mm
Diopter adjustment	On both tubes, +/- 5 diopter
Eyepieces	Widefield WF10X/23mm
Objectives system	Zoom, ratio 6.7:1
Objectives	0.75X~5X
Working distance	113mm
Stand type	Pole type stand with transmitted illumination
Head holder	For Ø32mm column and Ø76mm head with incident illumination
Focus mechanism	Coarse focusing system with tension adjustment
Focusing stroke	49mm
Incident illumination	LED 3W with intensity control
Transmitted illumination	LED 3W with intensity control
Transformer	External
Power supply	100-240V (CE)
Accessories included	Dust cover, black/white and frosted stage plates and blue filter
Dimensions LxWxH	329x277x400mm
Base	329x277mm
Column/Arm	Height 295mm, Ø32mm
Net weight	5.3kg