



PSM1000 Series

**PSM-1000E**  
(standard system)





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<b>Optical system</b>	Specialized lenses design, covers the spectrums ranging from the NUV to visible to NIR
<b>Observation tube</b>	Trinocular tilting head 3°-30°, Siedentopf type
<b>Inclination</b>	Tilting 3~30°
<b>Trinocular light split</b>	50:50/0:100
<b>Interpupillary distance</b>	55-75mm
<b>Diopter adjustment</b>	On both eyepieces, +/- 5 diopter
<b>Eyepieces</b>	Widefield WF10X/24mm with diopter adjustment
<b>Intermediate body</b>	3-lens change-over turret; 1X UV/VIS (for 355-532nm), 1X IR/VIS (for 532-1064nm) and 2X
<b>Nosepiece</b>	Quadruple, single centerable positions
<b>Objective classification</b>	Extra long working distance Plan Apochromatic
<b>Objectives</b>	Optional
<b>Objective mounting thread</b>	M26X0.706
<b>Stand type</b>	Optional
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	1 μm minimum increment
<b>Focusing stroke</b>	50mm
<b>Incident illumination</b>	Port for fiber-optic coaxial illumination
<b>Accessories included</b>	Laser safety kit, shims, laser safety pin