



DMB1 Series

# DMB1-252SP





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<b>Observation tube</b>	Binocular head Siedentopf type, 30° inclined with Built-in digital camera
<b>Interpupillary distance</b>	55-75mm
<b>Inclination</b>	30° inclined, 360° rotating
<b>Sensor</b>	CMOS 1/2.5"
<b>Resolution</b>	5MP - 2592 x 1944 pixels (live Image), capture image will be 10MP
<b>Output</b>	USB 2.0
<b>Eyepieces</b>	N-WF10X/18mm with diopter adjustment, +/- 5 diopter
<b>Nosepiece</b>	Reversed quadruple revolving nosepiece
<b>Objectives Semi Plan</b>	SP4X/0.10, 10X/0.25, 40X/0.65/S, 100X/1.25/S-Oil
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stage</b>	Built-in low position coaxial mechanical stage with sample holder
<b>Stage size</b>	140x135mm
<b>Mechanical stage X&amp;Y range</b>	76x50mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Condenser</b>	Focusable Abbe Condenser N.A. 1.25 with iris diaphragm and slot for contrast sliders
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine Focus precision</b>	2 µm minimum increment
<b>Z-axis movement</b>	20mm
<b>Filter holder</b>	On top of the illuminator with fixing cap
<b>Illumination</b>	3W LED illumination with intensity control
<b>Transformer</b>	Internal
<b>Power Supply</b>	100-240V (CE)
<b>Accessories included</b>	Immersion oil 5ml, power cord, cord hanger, dustcover, allen key, thumb screw, spare fuse, calibration slide, USB cable
<b>Software</b>	Motic Images Plus 3.0 for PC & Mac
<b>Dimensions</b>	360x220x395mm
<b>Weight</b>	7,2kg