

Digital Microscope Leica DVM6

System configurations	DVM6 C all manual, coded	DVM6 S standard, with motorized focus drive	DVM6 A advanced, motorized focus drive and motorized XY- stage
DVM6 zoom module	x	x	x
Tilting Stand	x	x	x
XY-Stage	manual	manual	x
Focus drive	manual	x	x
LAS X software			
Parameter recall	x	x	x
HDR	x	x	x
Image preview	x	x	x
Autofocus	---	x	x
Multifocus images	manual	x	x
3D surface image	---	x	x
XY-Stitching	manual	manual	x
XYZ-Stitching	manual (no 3D)	manual (no 3D)	x
Annotations	x	x	x
2D Measurement (Distance, Area, Angle)	x	x	x
3D Measurement (Distance, Area, Angle, Profile, Volume)	---	x	x
Zoom module			
Camera			
Camera	Image sensor	1/2.3" CMOS, 3664 x 2748 Pixel	
	Image resolution	2MP (1600 x 1200) 5MP (2592 x 1944) 10MP (3664 x 2748)	
	framerate (max)	37 fps @ 1600x1200 live image	
Autofocus	Sensor	CMOS based sensor	
	Options	local or global	
	Modes	single autofocus, continuous autofocus	
Iris diaphragm	motorized, software controlled		
Objectives (*) according ISO/DIS 18221			
PlanAPO FOV 43.75	working distance: 60 mm	max. magnification: 190:1	max. resolution: 415 lp/mm

PlanAPO FOV 12.55	working distance: 33 mm	max. magnification: 675:1	max. resolution: 1073 lp/mm
PlanAPO FOV 3.60	working distance: 5 mm	max. magnification: 2350:1	max. resolution: 2366 lp/mm
Tilting stand Tilt angle	max. ± 60°	tilt angle encoded and displayed	
Handling	one handed (weight compensation) 0° index for home position		
XY-Stage travel range resolution rotation specimen weight (max load)	70 mm x 50 mm 1 µm max. ± 180° max. 2 kg		
Focus drive travel range resolution	60 mm 0.25 µm (motorized) 0.50 µm (manual)		
Illumination ring light	integrated in objectives for the Leica DVM6 LED light source, software controlled 4 segments switchable		
coaxial light	integrated in tilting stand, available for FOV 12.55 & FOV 3.60 objectives LED light source, software controlled		
transmitted light	cable-free insert for XY-stage (optional) LED light source, software controlled		
Optional accessories <i>ring light adapters</i>	<i>Diffusor</i> <i>Low angle adapter</i> <i>Polarizer</i> <i>transmitted light insert on XY-stage</i>		
<i>BLI for DVM6</i> <i>Hand-/Footswitch</i> <i>Interface module</i>	<i>connect DVM6 zoom module to Leica (M series) focus column</i>		
<i>Travel case</i>			