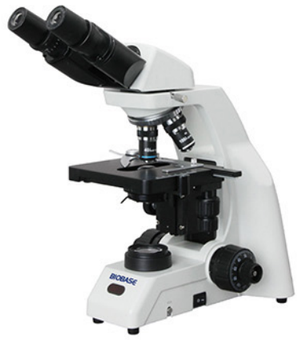
Digital Biological Microscope



Features:

* The integration of structure design, to save space
* Valid mouldproof design, it can be used under the high temperature and high humidity environment

Technical Parameters:

Model		DM-125	DM-126
Optical System	Infinite Optical System	\	√
	Finite Optical System	√	\
Eyepiece	WF10X/18	√	\
	WF10X/20	\	√
Viewing Head	Monocular Head Inclined at 30°	●	\
	Seidentopf Binocular Viewing Head Inclined at 30°,Interpupillary 47-78mm	√	√
	Seidentopf Trinocular Viewing Head Inclined at 30°, Interpupillary 47-78mm	●	●
	Digital Viewing Head Inclined at 30°, Interpupillary 47-78mm, 5M pixels, Support Wifi	●	●
Achromatic Objective	4X N.A=0.1 WD=18	√	\
	10X N.A=0.25 WD=7	√	\
	40X N.A=0.65 WD=0.53	√	\
	100X N.A=1.25 WD=0.13	√	\
Infinite Semi-Plan Achromatic Objective	4X N.A=0.1 WD=17	\	√
	10X N.A=0.25 WD=7.4	\	√
	40X N.A=0.4 WD=0.7	\	√
	100X N.A=0.6 WD=0.13	\	√
Nosepiece	Backward Quadruple Nosepiece	√	√
Stage	Double Layers Mechanical Stage 140x140mm, Moving Range 75X50mm	√	\
	Rackless Double Layers Mechanical Stage 150x139mm, Moving Range 75X52mm	\	√
Condenser	NA 1.25 Abbe Condenser	√	√
	Dark Field Condenser (Dry, Oil)	●	●
Focusing System	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Moving Division 25mm	√	√
Illumination	Halogen Lamp 6V/20W	●	●
	S-LED Illumination	√	√
	S-LED Illumination with Recharger	●	●
	Kohler Illumination	●	●
	ECO Function	●	●
	Plane-cancave Mirror	●	●
Fluorescent Attachment	Fluorescent Illumination, LED Lamp	●	●
	Fluorescent Illumination, 100W HBO Lamp	●	●
Power Supply	AC 110/220V±10%, 50/60Hz	√	√
Optional function	Phase Contrast Kit, Polarization Set	●	●
Package Size	380*270*470mm (Main body)	√	√
Gross Weight	8.5kg	√	√

Note: √ Standard Outfit, ● Optional, \ Without this feature Trinocular microscope can be installed camera and screen.

Build-in Camera Biological Microscope

BMB-117M

BMB-300M

Technical Parameters:

Model			BMB-117M	BMB-300M
Viewing Head	Compensation Free Binocular Head, Inclined at 30°, Interpupilary Distance 48-75mm		√	√
	Camera System	Valid Pixel: 1280*1024(1.3M Pixel)	√	●
		Valid Pixel: 2048*1036(3.0M Pixel)	\	√
		Valid Pixel: 2052*1944(5.0M Pixel)	\	
		Output Mode: USB2.0	√	√
		Operation System: WINDOWS7/8 2000 / XP/ VISTA	√	√
		Software: ScopeImage 9.0	√	√
		Range of Viewing Field: 90%	√	√
Eyepiece	WF10×/18		√	√
	P16×/11		●	\
	Extra wide filed eyepiece EW10×/20 with diopter adjustment		\	●
Objective	Achromatic Objective 4×, 10×, 40×, 100×		√	\
	Infinite plan Achromatic Objective 4×, 10×, 40×, 100×		\	√
Nosepiece	Backward Quadruple Nosepiece		√	\
	Quintuple Nosepiece		\	●
	Quadruple Nosepiece		\	√
Stage	Double Layers Mechanical Stage 132*142mm, Moving range 75*40mm		√	\
	Double Layers Mechanical Stage 140*140mm Moving range 75*40mm		\	√
Condenser	Abbe NA1.20 with Iris Diaphragm & Fliter		√	\
	Abbe NA1.25 sliding-in centerable condenser		\	√
Focusing	Coaxial Coarse & Fine Adjustment System, Range 24mm, Fine Division 0.004mm		√	\
	Coaxial Coarse & Fine Adjustment System, Range 20mm		\	√
Illumination	LED 3W, Brightness Adjustable		√	\
	Halogen Lamp 6V/20W, Brightness Adjustable		●	\
	220V or 110V/6V/20W Halogen Lamp, Brightness Adjustable.		\	√
Power Supply	AC 110/220V±10%, 50/60Hz		√	√
Accessories	Phase Contrast Kit		●	●
	Dark-Field Attachment		●	●
	Polarization Attachment		●	\
Package Size	396*262*492(BMB-117M), 334X334X533(BMB-300M)		√	√
Gross Weight	7.5kg (BMB-117M), 12.5kg (BMB-300M)		√	√

Note: √ Standard Outfit, ● Optional, \ Without this feature

Makler® Counting Chamber

Unique Features and Advantages

Easy to use	Sperm count performed from undiluted specimen.
Fast results	The number of spermatozoa counted in any strip of 10 squares of the grid indicates their concentration in millions/mL. No additional factors are necessary for calculation.
Optimal depth	The depth of 10 microns eliminates blurring and allows sperm to move freely. The applied sample is observed in one focal plane.
Built-in grid	The grid is on the cover glass. This eliminates the need to insert a grid into the microscope eye piece and remove it when not required.
Economical	Reusable. Easily cleaned with a non-bleach disinfectant solution.
Self-controlled accuracy	Observation of color fringes at the four contact points, provides a self-controlled test for accuracy. The cover glass can never be raised by the applied sample.
Calibration unnecessary	Repeated use with complete accuracy without calibration.
Superior technology	Manufactured by state-of-the-art precision engineering. Checked individually by laser beam for precision and accuracy.