

HySCOPE™ HVM-1000T

Stereo Microscope
 Trinocular type
 0.75x ~ 3.5x Zoom range
 3.75x ~ 102x System magnification
 Halogen drop lamp
 Fluorescent bottom lamp built-in
 C/CS Camera mount support



www.hyvision.co.kr

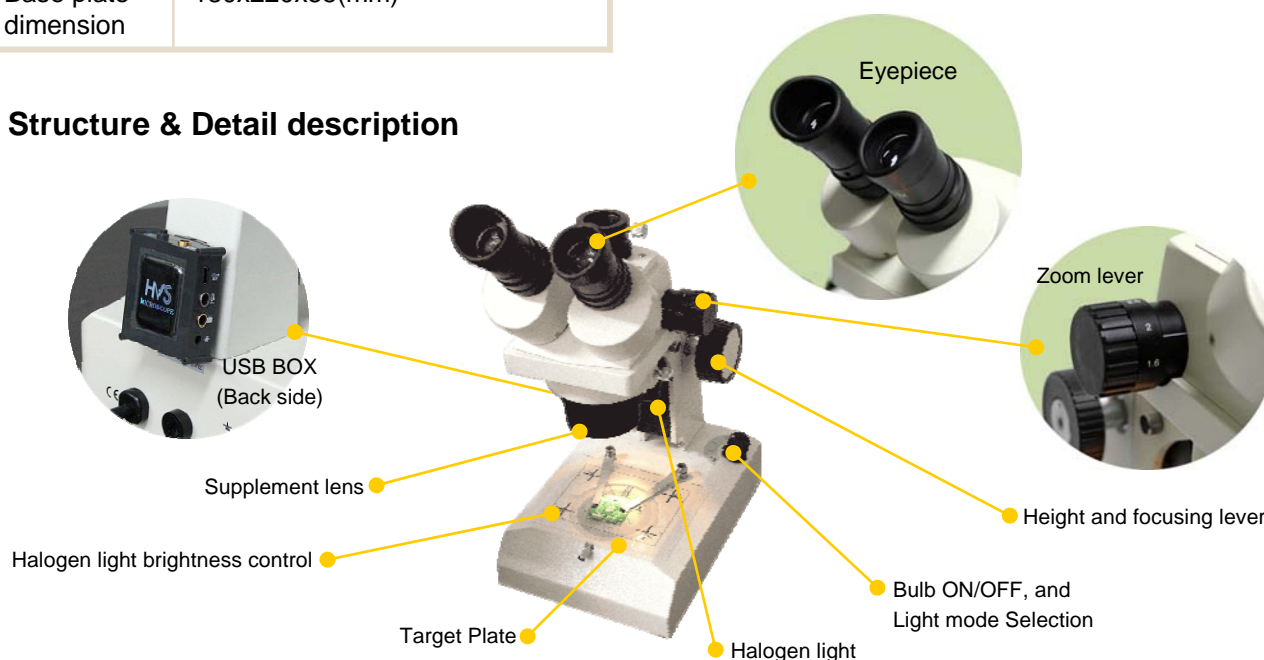
■ Specification

Type	Stereo Trinocular microscope	
Light source	Drop light,	Halogen / Brightness control
	Bottom light	Florescent
Focusing mount	75Pie(mm)	
Camera mount	C/CS Camera mount support	
Software	HySCOPE Viewer	
Power	220V @60/50Hz	
Color	White Milk	
Eyepieces	WF 10x (Default) WF15x, 20x (Optional)	
Supplement lens	0.5x, 1.5x (Optional)	
Base plate dimension	180x220x55(mm)	

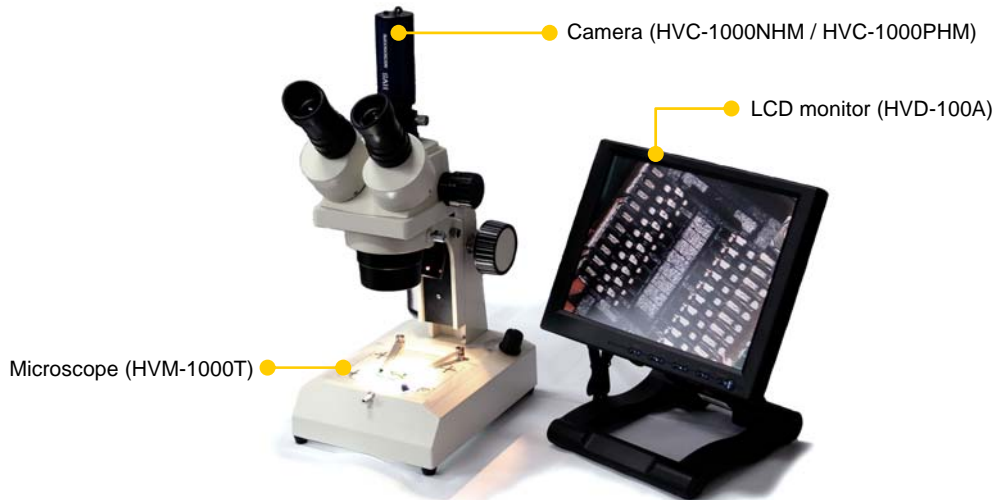
■ Magnification table

Basic OBJ		0.75x ~ 3.5x			
Eyepiece	Supplement OBJ	-	0.5x	1.5x	
	WF10x (Basic)	MAG.	7.5x~34	3.75x~17	11.25x~51x
		Field (mm)	26~5.7	52~11.4	17.3~3.8
WF15x (Option1)	MAG.	11.25x~52	5.6x~26x	15.9x~76.5x	
	Field (mm)	20~4.3	40~8.6	13.3~2.9	
WF20x (Option2)	MAG.	15x~68x	7.5x~34x	22.5x~102x	
	Field (mm)	16~3.6	32~6.8	10.6~2.00	
Working Distance (mm)		90	140	48	

■ Structure & Detail description



▪ **HVM-1000T Microscope system (Optional)**



Microscope	HVM-1000T
Camera	HVC-1000NHM for NTSC HVC-1000PHM for PAL
LCD monitor	HVD-100A (10.4" TFT LCD, NTSC or PAL & VGA input)
Software	HySCALER / Measurement software
PC interface	USB 2.0 interface™ (Win2000/XP/Vista)

▪ **Software - HySCALER™ / Measurement software**

Main frameworks	Measurement tools	Measurement image
	<ul style="list-style-type: none"> <li style="width: 50%;"> Arrow <li style="width: 50%;"> Circle-pie <li style="width: 50%;"> Line-length <li style="width: 50%;"> 3PointCircle-pie <li style="width: 50%;"> Rectangle-area <li style="width: 50%;"> CenterToCenter-length <li style="width: 50%;"> Ellipse-area <li style="width: 50%;"> 4Points2LineAngle-angle <li style="width: 50%;"> Polygon-area <li style="width: 50%;"> Perpendicular-length 	
Documentation	Manager for device calibration data	Guide-line for Visual measurement