

Zoom Microscope

Model: **SKZ0745**

EYESCOPE



Specifications : 7-45X

Head: 45 degrees inclined 360 degree swiveling trinocular
Eyepieces: 30mm super widefield high-eyepoint WF10X/20
Objective: 0.7-4.5X
Zoom Range: 6.5:1
Maximum Field of View: 1-1/4" (31.75mm)
Minimum Field of View: 3/16" (4.75mm)
Working Distance: 4" (100mm)
Diopter Adjustment: +/-5dp
Interpupillary Distance: 2-3/16" - 2-15/16" (55-75mm)
Frosted Glass Plate: 3-3/4" (95mm) in diameter
White/Black Plastic Plate: 3-3/4" (95mm) in diameter
Incident (Top) Illumination: 12V/15W halogen bulb
Transmitted (Bottom) Illumination: 12V/15W halogen bulb
Power Supply: 110V/60Hz (220V/50Hz version available)
Accessories: dust cover, eye-guards and clips



53/69 M.5 Nongbon , Praves Bangkok 10250 Tel: 02 7472155 Fax : 02 7473155
Email : admin@vskconsummate.com , vskcons@ksc.th.com Call : 086 341 3755





Optical Parameter

Eyepiece	Standard Specification		Auxiliary Objective 0.5X		Auxiliary Objective 1.5X		Auxiliary Objective 2X	
	WD=100mm		WD=165mm		WD=45mm		WD=30mm	
	Mag.	FOV/mm	Mag.	FOV/mm	Mag.	FOV/mm	Mag.	FOV/mm
10X/20mm	7.0X	28.6	3.5X	57.1	10.5X	19	14X	14.3
	45X	4.4	22.5X	8.9	67.5X	3	90X	2.2
15X/15mm	10.5X	21.1	5.25X	42.8	15.75X	14.3	21X	10.7
	67.5X	3.3	33.75X	6.7	101.25X	2.2	135X	1.7
20X/10mm	14.0X	14.3	7.0X	28.6	21.0X	9.5	28X	7.1
	90.0X	2.2	45X	4.4	135.0X	1.5	180X	1.1

Specification

Head	Binocular head, 45° inclined, 360°rotatable,±5 diopter adjustable Trinocular head, 45° inclined, 360°rotatable,±5 diopter Adjustable, can mount TV apater
Eyepiece	WF10X/20mm Wide field high eyepoint eyepiece (can mount micrometer)
IPD	50mm-75mm(Interpupillary adjusting distance)
Zoom range	0.7-4.5X
Zoom ratio	1:6.4
Total Mag.	Standard Mag.7-45x ; 3.5X-180X (with Optional auxiliary objective)
Field of View	1.1mm-57.1mm(with auxiliary lens)
Working distance	Standard: 100mm

Optional Accessory

Eyepiece	WF10X/20mm (Reticle) WF15X/15mm WF15X/15mm (Reticle) WF20X/10mm WF20X/10mm (Reticle)
Objective	0.5X WD=165mm 1.5X WD=45mm 2X WD=30mm
CCD adapter	0.35X, 0.5X, 1.0X

Option

SUPP LENS	MECH WORKING DISTANCE (MM)	10X E.P. (20MM)	15X E.P. (15MM)	20X E.P. (10MM)
0.75x	165	3.5x-22.5x	5.25x-33.75x	7x-45x
Standard	100	7x-45x	10.5x-67.5x	14x-90x
2.0x	30	14x-90x	21x-135x	28x-180x

Built-in Epi-illumination and transmitted lighting system with adjustable intensity



Flexible arm

BOOMSTAND

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Double arm**