



EKE 0745 series zoom stereo microscopes have two types, EKE0745 (binocular) and EKE0745T (trinocular). It is characterized by brand-new optical design, the best reproduction and true color image. It has many optional stands and attachments. It can be applied in modern biology research, semiconductor and the other science and technology industry field.

1. Total magnification 7x~45x (standard outfits), extend total magnification : 270x
2. Zoom objective magnification 07.x~4.5x, working distance 118mm
3. With high eye point and wide field eyepiece EKE10x(Φ23mm)
4. Binocular/ Trinocular eye tubes inclined 45 deg. and main body can be rotated 360 deg.
5. The range of adjusting the diopter is ±6 deg.
6. Interpupillary distance adjustment range 52mm~76mm
7. The range of adjusting the focus is 100mm (round post is 50mm), the diameter of the center working stage is Φ95mm
8. The measurement to match between the support and the main body is Φ76mm
9. The distance between from the post center to the main body center is 140mm
10. The size of the round post is Φ25mm
11. Illuminators : the low illuminator is the transmitted illumination of the fluorescent lamp (5W), the up illuminator is the reselected illumination of the halogen lamp (6V, 10W)

Specifications		Main body	with 0.5X objective	with 0.7X objective	with 1.5X objective	with 2X objective
Eye-piece	Objective	0.7x~4.5x	0.35x~2.25x	0.49x~3.15x	1.05x~6.75x	1.4x~9x
5x	Total magnification	3.5x~22.5x	1.75x~11.3x	2.5x~15.8x	5.3x~33.8x	7x~45x
	Diameter of visual field(mm)	32.8~5.1	65.7~10.2	46.9~7.3	21.9~3.4	16.4~2.6
10x	Total magnification	7x~45x	3.5x~22.5x	4.9x~31.5x	10.5x~67.5x	14x~90x
	Diameter of visual field(mm)	32.8~5.1	65.7~10.2	46.9~7.3	21.9~3.4	16.4~2.6
15x	Total magnification	10.5x~67.5x	5.3x~33.8x	7.4x~47.2x	15.8x~101.3x	21x~135x
	Diameter of visual field(mm)	24.3~3.8	48.6~7.6	34.7~5.4	16.2~2.5	12.1~1.9
20x	Total magnification	14x~90x	7x~45x	9.8x~63x	21x~135x	28x~180x
	Diameter of visual field(mm)	20~3.1	40~6.2	28.6~4.4	13.3~2.1	10~1.6
30x	Total magnification	21x~135x	10.5x~67.5x	14.7x~94.5x	31.5x~202.5x	42x~270x
	Diameter of visual field(mm)	12.9~2	25.7~4	18.4~2.9	8.6~1.6	6.4~1
	Working distance (mm)	118	195	145	50	35



## Optional Accessories :

1. Stands EKE1~EKE16
2. Universal stands : Us1, Us2, Us3, Us4, US1C, US2C, US3C, US4C
3. Eyepiece : 5x, 10x, 20x, 30x, Divisional Eyepiece : 10x, 15x, 20x
4. Auxiliary objectives : 0.5x, 0.7x, 1.5x, 2x
5. Auxiliary illuminators : ring LED illuminator and Fluorescent illuminator
6. Photo adapters and CCD adapters : Pt01, Dt01, 0.5x CCD adapters C0.5x, 1x CCD adapter C1.0
7. 1x stage micrometer CCD adapter : CDM1.0
8. Dark field attachment and Gem clamp : Dc01, Cj01
9. Mechanical stages : S7650, S210210

*As a continuing policy of product improvement at ENKAY Enterprises, the design and specifications are subject to change without prior notice.*



**Manufactured by:**

**ENKAY ENTERPRISES**

605, Padma Tower II, 22, Rajendra Place, New Delhi-110008 (INDIA)

Tel : +91-11-41539634, 25864447 Fax : +91-11-41539633

Email: [info@enkaymachine.com](mailto:info@enkaymachine.com) Web : [www.enkaymachine.com](http://www.enkaymachine.com)