



SK-SY03

BIOLOGICAL MICROSCOPE



SKSurgitech[™]
by Saikang Medical

Care you precisely

SK-SY03

FEATURES AND HIGHLIGHTS

Design: adopting ergonomic design, the overall appearance of the instrument is smooth, aesthetically pleasing, and lightweight in structure. It is easy to observe and use, and does not cause fatigue during long-term observation. This precision optical instrument is used for observing biological slices, biological cells, bacteria, as well as live tissue cultures and liquid precipitates. It can also be used to observe other transparent or translucent objects, as well as fine powders and small particles.

Working principle: using the principles of optics and the magnifying imaging principle of convex lenses, tiny objects that cannot be discerned by the human eye can be enlarged to a size that can be discerned by the human eye.

Technical parameters

▪ Individual size of product	220×205×390mm
▪ Product weight	9kg
▪ Binoculars	Translation binocular head, 45 degree tilt, 360 degree rotation
▪ Eyepieces	Large field eyepiece WF10X WF16
▪ Objective lenses	Achromatic objective 4X 10X 40Xs 100Xs(oil)
▪ Converter	Four-hole converter
▪ Collecting lens	Abbe Condenser NA1.25 with variable light bar, color filter
▪ Focusing mechanism	Coaxial coarse and fine focusing mechanism with a focusing range of 30mm.
▪ Objective table	Double-layered activity platform, dimensions are 140x130mm, with a movement range of 75mmx45mm.
▪ Illumination	6V/20W Halogen lamp with adjustable brightness

Material

Full metal body, corrosion-resistant, structurally sturdy, and has a long service life.



Binoculars

The binoculars with translational design allow for adjusting the distance and visibility of the pupils. They can be tilted at a 45-degree angle (for translational design) or a 30-degree angle (for hinge design) to make observations more convenient and comfortable.



Eyepieces

Metal material equipped with WF10X and WF16 wide field of view eyepieces, for more comfortable observation and clearer imaging.



Converter

Four-hole converter ensures smooth switching between four objective lenses.



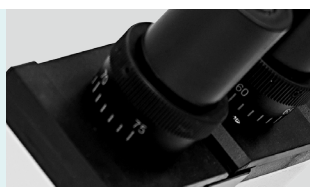
Objective lenses

Equipped with four objective lenses with magnifications of 4X, 10X, 40Xs, and 100Xs(oil), which have better imaging performance than ordinary objective lenses and are capable of correcting chromatic aberration.



Focusing mechanism

Coaxial coarse and fine focusing mechanism with a focusing range of 30mm.



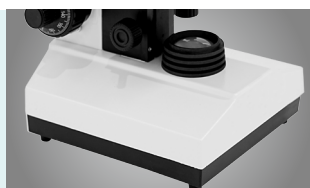
Collecting lens

By gathering the function of optical fibers, the center can be adjusted conveniently to adjust the center of the optical axis at any time.



Base

Sturdy base to prevent movement, keep stable, and provide a comfortable, non-shaky viewing experience. Built-in lighting system, electrical components, and switches.



Objective table

Double-layered activity platform, more convenient operation, more precise positioning. Dimensions are 140x130mm, with a movement range of 75mmx45mm.





CONSTANT INNOVATION



Design



Research



Manufacturing



Maintenance



Service



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Company video



General catalogue