ADVANCE LABORATORY MICROSCOPE
77-SERIES

SUSWOX OPTIK

Meets the challenges of providing features of a Research Microscope system in a laboratory microscope with its most modern look, and uncompromising performance and yet at a very reasonable price extends the capabilities of viewing from routine laboratory work to crucial research techniques such as phase contrast, dark field, digital micro photography, video projection and image analysis system.

Competence-
- More than 40 years of experience in microscope development
- Highest quality manufacturing techniques
- Focused on customer needs
- Easy integration with professional accessories
- With Reliable professional support

SK-77 Bi

GeM Government e Marketplace

MSME Micro, Small & Medium Enterprises

ISO 13485 CERTIFIED

ISO 9001:2008 CERTIFIED COMPANY

IS : 8275
IS : 4381

CE

MAKE IN INDIA

NSIC CERTIFIED CO.

General Technical Data

Body-
Robust mould, ergonomic design sturdy body with three built in filters day light, and neutral density filters

Eyepiece-
High Eye Point, Chromatic Corrected, Wide Field WF10X with FOV 18/20mm with diopter adjustment on one eyepieces (±5)

Viewing Head-
Binocular/Trinocular Head (30/45 deg inclined)/ 360 deg rotatable with inter-pupillary distance 54 to 75mm, 2-position splitting ratio (for trinocular)

Condenser-
Abbe condenser with iris diaphragm and filter slot

Objectives-
Semi-Plan Achromatic
- 4X, N.A.
- 10X, N.A.
- 40X, N.A.
- 100X, N.A.

Optical system-
Finite optical system, multi-layered hard-coated, Color corrected, Anti-fungal, Anti- bacterial Coated, Anti Reflection coated

Mechanical stage-
Right/left-hand control, hard-coated surface 145(X)x 125(Y)mm, low position coaxial movement, Travel range 50(X)x 80(Y)mm & vernier scale X-Y axis, precision:0.1mm

Nosepiece-
Dust Protected Quadruple with Multiple ball-Bearing Rubber grip & Positive Click Stop

Illumination-
Fixed/Koehler 3w/5W/10W LED with life hrs 50,000 or Halogen lamp 6v 20 w/12v 30 w light, intensity adjustable, centre presetting

Focusing-
Separate coarse and fine movement on ball bearings (low position), knobs on both side, coarse & Fine

Power Supply-
90V-240V/50Hz AC, SMPS, transformer

Certification - CE, ISI, ISO

Model SK-77 Bi

Model SK-77 i

Optional accessories-
- Rackless stage
- Double Plate Mechanical Stage
- Plan 20x &60x objectives
- Object micrometer slide
- Pointer eyepiece,
- Micrometer eyepiece etc.
- Wooden case
- Battery Backup upto 2 hrs
- Long life LED upto 1Lac hrs
- C-mount- 0.35X/ 0.5X/0.66X/1X Focusing for camera attachment

Standard accessories-
- Vinyl Cover
- 10ml. immersion oil
- Cleaning cloths
- Cleaning tissue
- Paper Hexagonal Key

LCD-11
- HD high sensitivity CMOS sensor.
- The camera with a separate 11.6-inch HD display via USB stick to capture or record images.
- The camera supports both screen and external monitor sync display.
- The camera's YoungWin OS supports up to 20 types of measurement graphics.
- The camera can be connected to a computer via the UVC port (USB 2.0 above HDMI)

VH-440
- 7"IPS screen displays images and video at a crisp 1080p resolution.
- Includes internal software that supports Image adjustment such as Hue, Saturation, and Brightness, as well as Calibration & Measurement.
- Replaces a compound microscope's (42.5mm mount) trinocular or binocular head.
- Compact and lightweight for ease of transportation and storage.

DATASHEET

ITEMS	SPECIFICATION	SK-77 I	SK-77 Bi	SK-77 Ti
Eyepiece	WF 10X/16mm	●	●	●
	WF 10X/18mm	○	○	○
Objective	Achromatic 4X、10X、40X (S)、100X (S, OIL)	●	●	●
	Achromatic 45X (S)	○	○	○
Viewing Head	Monocular Head，Inclined 45°，Rotatable 360°	●		
	Binocuclar Head，Inclined 45°，Rotatable 360°，Interpupillary Di s tance: 55-75mm		●	
	Trinocular Head，Inclined 45°，Rotatable 360°，Interpupillary Di s tance: 55-75mm			●
Nosepiece	Triple	○	○	
	Quadruple	●	●	●
Mechanical Stage	Single Layer Mechanical Stage Size: 145x125mm, Moving range: 50x60mm	●	●	
Condenser	Abbe Condenser N.A 1.25 with Iris Diaphragm	●	●	●
Focusing	Separate Coarse and Fine Adjustment , Coarse Focusing Range 30mm, Fine Focusing Interval 2μm	●	●	●
Illumination	LED Light	●	●	●
	6V/20W Halogen Lamp	○	○	○

Note: ● **Standard Outfit** ○ **Optional Outfit**