BS-2080 Laboratory Biological Microscope

Introduction

BS-2080 Laboratory Biological Microscope is a high level microscope which is specially designed for laboratory research. It adopts an Infinite optical system, reasonable structure and ergonomic design. With an innovative optical and structure design idea, excellent optical performance and easy to operate system, this laboratory biological microscope makes your laboratory works enjoyable.

Feature

1. With Infinite Optical System, Kohler Illumination, providing excellent optical quality and making Image perfect.
2. With low and forward position of coarse and fine coaxial focus system, focusing knobs and brightness adjustable knob within reaching location, stable integral structure, and reasonable ergonomic design, making operators feel more comfortable and effective.

Application

This microscope is an ideal instrument in biological, histological, pathological, bacteriology, immunizations and pharmacy field and can be widely used in medical and sanitary establishments, laboratories, institutes, academic laboratories, colleges and universities.

Viewing Head

Comfortably Observing with Seidentopf Type Trinocular Head Inclined at 30°. Suitable for Every Observer with Wide Interpupillary Range 48-75mm.

Eyepiece

Larger Viewing Area with Extra Wide Field Eyepiece EW10×/22. Focus Control with Diopter Adjustable.

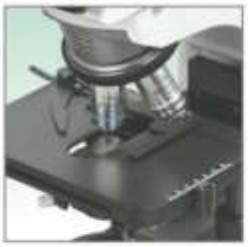
Nosepiece

Big Operating Space with Backward Quintuple Nosepiece.

Objective

Perfect Image with Infinite Plan Achromatic Objective.

Stage



Rectangle Double Layers Mechanical Stage 185×142mm, Moving Range 75×55mm. Comfortable Operation with Low Position Adjustable Knobs.

Condenser

With Swing Condenser N.A.0.9/0.25, Overcoming Illumination Asymmetry at Low Magnification Observation.

Field Diaphragm

With Aspherical Condenser and Kohler Illumination, Providing Enough, Even and High Contrast Illumination for Various Objective Observation.

Illuminator

External Illumination, Halogen Lamp 6V/30W, Brightness Adjustable.
24V/100W For Optional.

Specification

Item	Specification	BS-2080
Optical System	Infinite Optical System	●
Viewing Head	Siedentopf Trinocular Head, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm	●
	5°-35° Tiltable Binocular/ Trinocular Head	○
Eyepiece	Extra Wide Field Eyepiece EW10×/ 22mm, Eyepiece Tube Diameter 30mm	●
Nosepiece	Backward Quintuple Nosepiece	●

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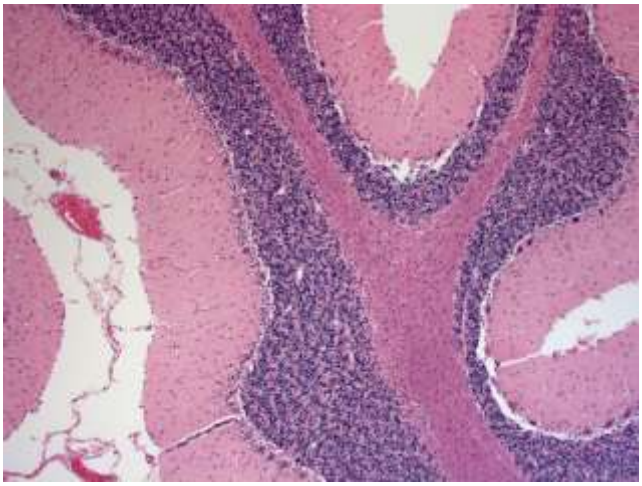
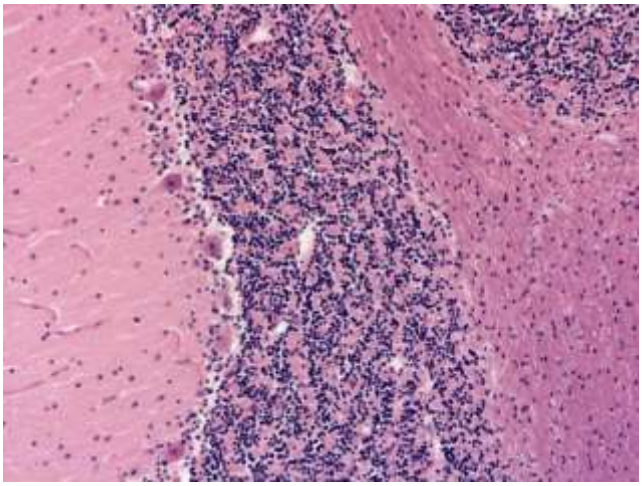
WWW.WAGAGROUP.LK
275/B, Railway Road, Maharagama. Sri Lanka 0112088230 sales@wagagroup.lk

	Backward Sextuple Nosepiece		○
Objective	Infinite Plan Achromatic Objective	2×/0.05, W.D.=18.3mm	○
		4×/0.10, W.D.=17.3mm	●
		10×/0.25, W.D.=10mm	●
		20×/0.40, W.D.=5.1mm	○
		40×/0.65(S), W.D.=0.54mm	●
		60×/0.8(S), W.D.=0.14mm	○
		100×/1.25(S, Oil), W.D.=0.13mm	●
	Infinite Plan Fluorescent Objective	4×/0.13, W.D.=16.3mm	○
		10×/0.30, W.D.=12.4mm	○
		20×/0.50, W.D.=1.5mm	○
		40×/0.75(S), W.D.=0.35mm	○
		100×/1.3(S, Oil), W.D.=0.13mm	○
Condenser	Swing-out Condenser NA 0.9/ 0.25		●
Focusing	Coaxial Coarse and Fine Adjustment, Fine Division 0.001mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.1mm per Rotation, Moving Range 24mm		●
Stage	Double Layers Mechanical Stage 185×142mm, Moving Range 75×55mm		●
Illumination	External Illumination, Aspherical Collector with Kohler Illumination, Halogen Lamp 6V/30W, Brightness Adjustable		●
	External Illumination, Aspherical Collector with Kohler Illumination, Halogen Lamp 24V/100W, Brightness Adjustable		○
	3W LED Illumination, Brightness Adjustable		○
	5W LED Illumination, Brightness Adjustable		○
Video Adapter	C-Mount 1×		○
	C-Mount 0.5×		○
Filter	Blue Filter		●
	Green Filter		●
Dark Field Attachment	Dark-field Condenser(Dry)		○
	Dark-field Condenser(Oil)		○
Accessories	Photo Attachment for Nikon or Canon DSLR cameras		○
	Polarization Attachment		○
	Turret Phase Contrast Kit		○
	FL-800 Epi-fluorescent Attachment		○
	FL-LED Epi-fluorescent Attachment		○
	Temperature Control Stage		○
Package	1carton/set, 43.5cm*39.5cm*59cm, 14kg		●

Note: ● Standard Outfit, ○ Optional

Sample Image





System Diagram

* Viewing field of auxiliary objective is Φ20 when with the accessories