

## BS-2041(DF) Darkfield Biological Microscope



BS-2041B(DF)



BS-2041T(DF)



Darkfield Objective 100x(S, Oil)



Darkfield Objective 100x(S, Oil, with iris diaphragm)

### Introduction

BS-2041(DF) series darkfield microscopes are classical biological microscopes with ingenious stand, high definition infinite optical system, sharp image and comfortable operation, which make your work much enjoyable.

### Feature

1. Infinite Optical System.
2. WF10x/22mm eyepiece with diopter adjustment.

3. Sliding-in Centerable Condenser.
4. Easy carrying handle.
5. Fluorescent attachment, phase contrast attachment, simple polarizing kit are optional.

## Application

BS-2041(DF) series darkfield microscopes are ideal instruments in hematological, biological, pathological, histological, bacterial, immune, pharmacological and genetic fields. They can be widely used in medical and sanitary establishments, such as hospitals, clinics, laboratories, medical academies, colleges, universities and related research centers.

## Specification

Item	Specification	BS-2041B(DF)	BS-2041T(DF)
Optical System	Infinite Optical System	●	●
Viewing Head	Seidentopf binocular head, 30° inclined, Interpupillary 48-75mm, eyepiece tube: Φ30mm	●	
	Seidentopf trinocular head, 30° inclined, Interpupillary 48-75mm, eyepiece tube: Φ30mm, Light distribution: 100: 0 and 50:50(eyepiece: trinocular tube)		●
Eyepiece	Wide Field Eyepiece WF 10×/22mm with Diopter Adjustment	●	●
	WF15×/16mm Eyepiece	○	○
	WF20×/12mm Eyepiece	○	○
	Eyepiece micrometer 0.1mm	○	○
Objective	Infinite Plan Achromatic Objectives 4×, 10×, 40×(S), 100×(S, Oil)	●	●
	Infinite Plan Achromatic Objectives 2×, 20×, 60×(S)	○	○
	Infinite Semi-Plan Achromatic Objectives 4×, 10×, 40×(S), 100×(S, Oil)	○	○
	Infinite Plan Fluorescent Achromatic Objectives 4×, 10×, 20×, 40×(S), 100×(S, Oil)	○	○
	Infinite Plan Achromatic Darkfield Objective 100×(S, Oil)	●	●
	Infinite Plan Achromatic Darkfield Objective 100×(S, Oil, with iris diaphragm)	○	○
Nosepiece	Backward Quadruple Nosepiece	●	●
	Backward Quintuple Nosepiece	○	○
Stage	Double Layers Mechanical Stage 140mm×140mm/ 75mm×50mm	●	●
	Rackless Double Layers Mechanical Stage 150mm×139mm, Moving Range 75mm×52mm	○	○
Condenser	Sliding-in Centerable Condenser NA1.25	●	●
	Swing-out Condenser NA 0.9/ 0.25	○	○
	Dark Field Condenser NA 0.7-0.9 (Dry, used for objectives except 100×)	●	●
	Dark Field Condenser NA 1.25-1.36 (Oil, used for 100× objectives)	●	●
Focusing	Coaxial Coarse & Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 20mm	●	●
Illumination	1W S-LED Lamp, Brightness Adjustable	●	●
	6V/20W Halogen Lamp, Brightness Adjustable	○	○

	Kohler Illumination	○	○
Optional accessories	Simple Polarizing Set (Polarizer and Analyzer)	○	○
	Phase Contrast Kit BPHE-1 (Infinite 10×, 20×, 40×, 100× phase contrast objective)	○	○
	YX-2 Epi-fluorescent Attachment (Mercury lamp, B, G, UV, V, R fluorescent filters are available)	○	○
	FL-LED Epi-fluorescent Attachment (LED lamp, B, G, UV, V, R fluorescent filters are available)	○	○
Video Adapter	1× C-mount (Used for large format microscope camera)		●
	0.5× C-mount (Used for microscope camera)		○
Photo Adapter	BDPL-1(Nikon), Used for Nikon DSLR cameras		○
	BDPL-2(Canon), Used for Canon DSLR cameras		○
Packing	1pc/carton, 35cm*35.5cm*55.5cm, gross weight: 12kg	●	●

Note: ● Standard Outfit, ○ Optional

### Sample Image

