

INVERTED MICROSCOPES

BDS-200



Items	BDS200	BDS200-PH
Main Body (Including Left & Right Supporting Arm)	*	*
Eyepiece WF10X-20mm	*	*
Eyepiece WF16X-13mm		*
Article Eyepiece 10X (0.1mm)		*
LWD Plan Achromat Objective LPL4X, 25X, 40X		*
LWD Plan Achromat Objective LPL10X, 25X, 40X	*	
LWD Plan Phase Contrast Objective LPL Ph+ 10X, 40X		*
LWD Plan Phase Contrast Objective LPLPh+ 25X	*	*
Phase Contrast Annular Spot 10X, 40X		*
Phase Contrast Annular Spot 25X	*	*
Condenser N.A.0.35 (W.D. 45/102mm)	*	*
Trinocular Head (Inclined 45°)	*	*
Stage (With Attached Mechanical Stage, Including Cultural Vessel)	*	*
Filter (Blue) Filter (Green)	*	*
C-mount Adaptor 1X	*	*
Halogen Lamp 6V/20W(G4) Available Voltage: 85V-265V Spare Lamp: 1pc	*	*

XDS-403 SERIES



Model XDS-403 series Inverted Biological Microscope with its excellent optical capability ,wide application, firm body frame and skillful figure design, meet the demands of biology, microbiology, immunology and iatrology, etc.

This inverted biological microscope provides excellent functions .High resolution and contrast long working distance objectived make the figure and configuration of the cells more clear .The long working distance condenser can contain higher vessels or samples.

The stable & reliable T type base ,streamline figure design,simple and convenient operating system make your work easy and relax.

Specification		Model XDS				
		403	403T	403A	403AT	
Viewing head	Compensation free binocular head. Inclined at 45° (50mm -75mm)	*		*		
	Compensation free trinocular head .Inclined at 45° (50mm -75mm)		*		*	
Eyepiece	WF10X/20mm	*	*			
	WF10X/23mm			*	*	
	WF10X/18mm with Cross graduation of 0.1mm scale	*	*	*	*	
Objective	Long working distance plan-objective LWDPL4X, 10X, 20X, 40X	*	*			
	Distance infinity plan-objective LWDPL4X, 10X, 20X, 40X			*	*	
	Long working distance phase contrast objective	LWDPL10X, LWDPL20X	*	*	*	*
		LWDPL40X	*	*	*	*
Stage	Double layers mechanical stage, size: 242mmx 172mm Central stage: Φ110mm, Moving range: 75mm X 50mm	*	*	*	*	
Condenser	N.A0.3Abbe condenser W.D.75mm	*	*	*	*	
Focusing	Coaxial coarse& fine focusing adjustment with rack and pinion mechanism Fine focusing scale value 0.002mm	*	*	*	*	
Phase contrast sliding plate	Center of phase contrast ring plate adjustable	*	*	*	*	
Centering telescope		*	*	*	*	
Filter	Blue, green, yellow and froster glass	*	*	*	*	
Light source	Halogen bulb12V/30W, Adjustable brightness	*	*	*	*	

XDS-1



XDS-1 Inverted microscope is equipped with wide field eyepieces, long working distance plan achromatic objectives, long working distance condenser and phase contrast unit. It can be observed transparent and unfinished living specimen in culture bottle or culture utensil. It is the ideal instrument suitable for research of living specimen structure, liquid, deposits and so on. It also can be used in research institutes, universities, medical treatment, agriculture and animal husbandry etc.

Features:

1. Equipped with wide field eyepieces, long working distance plan achromatic objectives
2. Equipped with phase contrast unit, include long working distance condenser, phase contrast objective and centering telescope
3. Coaxial coarse/fine focus system with tensional adjustable and up stop, minimum division of fine focusing: 2μm
4. 6V 20W halogen lamp with brightness control

Standard configuration:

Model	XDS-1
Eyepiece	Wide field WF10X/20mm
Objective	Long working distance plan achromatic PL L10X/0.25
	Long working distance plan achromatic PL L25X/0.40
	Long working distance plan achromatic PL L40X/0.60
	Long working distance plan achromatic phase contrast objective PL L 10X/0.25 PHP
Eyepiece tube	Trinocular (Inclination of 30°, 100% image light for photography capable)
Focus system	Coaxial coarse/fine focus, with tensional adjustable and up stop minimum division of fine focusing: 2μm.
Nosepiece	Quadruple (Ball bearing inner locating)
Stage	Double layer mechanical (Size200mmX152mm,moving range:75mmX30mm)
Shelf of specimen	Match to install Φ68mm or 77mmX33mm culture utensil
	Match to install Φ68mm culture utensil
Filter	Blue filter, Green filter, Frosted filter
Impellent style phase contrast unit	Centering telescope
	10X Impellent style phase plate
	Condenser Rack & pinion adjustable, N.A.0.4, working distance: 30mm
Light source	6V 20W Halogen lamp with brightness control.

XDS-2



XDS-2 Inverted microscope is equipped with wide field eyepieces, long working distance plan achromatic objectives and very long working distance condenser and phase contrast unit. It can be observed transparent and unfinished living specimen in culture bottle or culture utensil. It is the ideal instrument suitable for research of living specimen structure, liquid, deposits and so on. It also can be used in research institutes, universities, medical treatment, agriculture and animal husbandry, etc.

Features:

1. Equipped with wide field eyepiece, long working distance plan achromatic objectives
2. Equipped with phase contrast unit, include very long working distance condenser, phase contrast objective and centering telescope
3. Coaxial coarse/fine focus system with tensional adjustable and up stop, minimum division of fine focusing: 2 μ m
4. 6V30W halogen lamp with brightness control

Standard configuration:

Model	XDS-2
Eyepiece	Wide field WF10X/20mm
Objective	Long working distance plan achromatic PL L 10X/0.25
	Long working distance plan achromatic PL L 25X/0.40
	Long working distance plan achromatic PL L 40X/0.60
	Long working distance plan achromatic phase contrast objective PL L 10X/0.25 PHP2
Eyepiece tube	Trinocular (Inclination of 30°, 100% image light for photography capable)
Focus system	Coaxial coarse/fine focus, with tensional adjustable and up stop minimum division of fine focusing: 2 μ m.
Nosepiece	Quadruple(Ball bearing inner locating)
Stage	Double layer mechanical(Size:224mmX208mm,moving range:112mmX79mm)
Shelf of specimen	Match to install Φ 68mm or 77mmX29mm culture utensil
	Match to install 82mmX57mm culture utensil
	Match to install 128mmX85mm 96 holes culture utensil
Filter	Blue filter, Green filter, Frosted filter
Sliding phase contrast unit	Centering telescope, 10X Sliding phase plate,
	Condenser Rack & pinion adjustable, NA=0.4,working distance: 50mm
Light source	6V 30W Halogen lamp with brightness control.

Optional accessories:

Name	Sort/Technique parameter	
Eyepiece	Wide field WF16X/11mm	
	Dividing 10X/20mm, 0.1mm/Div	
Nosepiece	Quintuple(Ball bearing inner locating)	
Condenser	Ultra long working distance, W.D.:70mm	
Filter	Yellow filter	
Sliding phase contrast unit	Objectives	Long working distance plan achromatic phase contrast objective PL L25X/0.40 PHP2
		Long working distance plan achromatic phase contrast objective PL L40X/0.60 PHP2
	Sliding phase plate: 25X/40X	
CCD adapter	0.4X, 0.5X, 1X, 0.5X with dividing 0.1mm/Div	
Digital camera adapter	CANON digital camera adapter(A610, A620, A630, A640)	
Photograph unit	2.5X/4X Change over photograph attachment with 10X viewing eyepiece	
	4X Focusing photograph attachment	
	MD Adapter	
	PK Adapter	