

UB200i 重庆  澳浦光电技术有限公司
Chongqing UOP Photoelectric Technology Co., Ltd.

System Microscope

UCIS
Excellent UCIS Optics



ISO9001
Certification
Design and production
adheres to ISO9001
international quality standard



ISO14001
Certification
Design and production at the UOP
CORPORATION has Plant conforms with
ISO14001 specifications for
environmental management systems.



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Outstanding optical and system performance with excellent cost-efficiency

UB200i is our contribution to you for your application in medicine, clinical laboratories, pathology, and biology, from routine task to research.

Equipped with Advanced UCIS infinity optics and ergonomic, flexible, stable, high efficiency mechanism, UB200i can satisfy your observation of brightfield, darkfield, polarization, phase-contrast, and fluorescence.



Objectives

With UCIS infinity independent-achromatic optical system, chromatic aberrations and curvature of field are both ideally corrected over the field of view. And the UCIS objectives own super higher NAs producing crisp, clear images with minimal flare.



Eyepieces

High eye-point up to 21mm, diopter adjustable. Standard 10X eyepieces view-field is 20mm. And optional 10X eyepiece up to 22mm view-field can take you into wider vision and more comfortable feeling.



Abbe condenser

NA 1.25 with iris diaphragm and with socket to accommodate PH slide. Condenser center adjustable, color-coded diaphragm scale markings corresponded with the objectives of different powers.



Dry dark-field condenser

For your dark-field observation and can be installed quickly and conveniently.



Simple polarizing observation

With Analyzer and Polarizer, you can conduct your polarizing observation easily.



Phase-contrast condenser

Multi-purpose Phase-contrast Condenser, NA:1.25. Phase-contrast observation from 10X to 100X and Dark-field observation from 10X to 40X is allowed.



Reflected Light Fluorescence

Users can choose between UV, V, B, G excitation and transmitted light observations. UCIS optics provide bright fluorescence images, with no intermediate magnifications when changing from transmitted light to fluorescence observations. Standard plan objectives can be used without replacement. 100W mercury lamphouses are available.

**With ergonomic design, stable mechanism and flexible upgrade space, 200i deserve your trust.
One-piece construction design from arm to base, robust and vibration-resistant.**



Inward-facing revolving nosepiece

Unrestricted access to the space in front of the objective allows specimens to be exchanged quickly and easily. The quadruple or quintuple nosepiece are both available.



Mechanical Stage

156x138mm platform, with X/Y travel of 76x54mm by low-positioned X/Y coaxial control knob, with scale mark and specimen-slide clip, enough space to hold 2 specimen-slide.



Rackless stage with enhanced operability

To keep the work area clear, and to avoid interference with observation operations, the X-direction travel guide does not extend and sub-scale displays are designed for easy read-out.

185 (205) x177mm platform, with X/Y travel of 75x50mm by low-positioned X/Y coaxial control knob(right or left hand), with scale mark and specimen-slide clip, enough space to hold 2 specimen-slide.



Observation tub

Binocular tube and Trinocular tube both available, view-field up to 22mm, tub 30° inclined, interpupillary distance 48-75mm, trinocular light is split 20/80 by a high quality prism. Digital camera or computer can be conveniently connected to the Trinocular tube, make your file work more easy.



Comfortable Ergolift

Optional ergolift is special piece that raises the entire microscope to fit the height of higher user.



Grasping Part

Make you more easy to move the microscope.



The height-adjustable co-axial coarse/fine focusing knob makes your routine work as comfortable and effortless as possible. Only a few hand movements are required to adjust the microscope to the user's arm length, and hand size.



Illumination

Different illumination of 6V/20W, 6V30W halogen bulb or 3W LED bulb are all available up to your choice. The halogen bulbs can be replace easily and in very little time. Just remove the socket form the side of the microscope, replace the lamp, and reinsert the socket into the microscope, and the task is done.

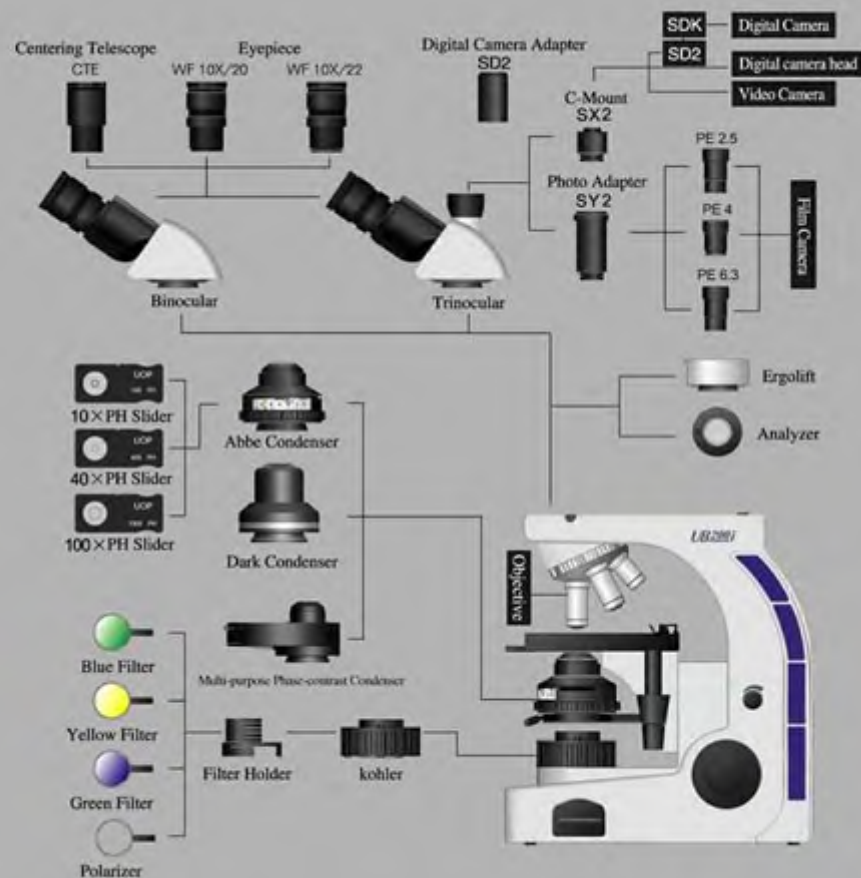


Heat-sink device of high efficiency

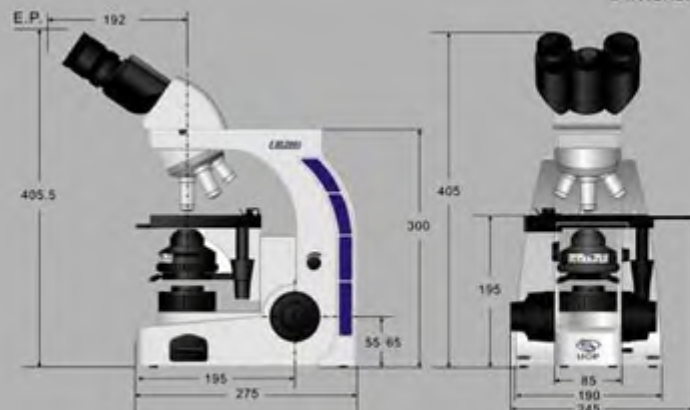
Limit the surface of UB200i microscope at lower temperature and keeps the user from burnt.

UB200i System Microscope Standard Outfits and Specifications

Parts	Specifications	UB200i	UB200i	order number
UB200i Frame	One-piece construction from steel to base	●	●	UB200
Optics	UCES Infinity Independent Achromatic Optical Design	●	●	M32
	Binocular Tube, Interpupillary distance 52-74mm, 30° inclined, 360° rotatable	●	●	M32A
	Binocular Tube, Interpupillary distance 48-71mm, 30° inclined, 360° rotatable	○	○	M32A
Solderless Observation Tube	Trinocular Tube, Interpupillary distance 52-74mm, 30° inclined, trinocular light is split 20/80 by a high quality prism	●	●	M72
	Trinocular Tube, Interpupillary distance 48-71mm, 30° inclined, trinocular light is split 20/80 by a high quality prism	○	○	M72A
Eyepiece	WF10X/20, High eye-point up to 21mm, diopter adjustable	●●	●●	E1020PA
	WF10X/22, High eye-point up to 21mm, diopter adjustable	○○	○○	E1020PC
	WF16X/14	○○	○○	E1614WS
	WF10X/20(Polmer), High eye-point up to 21mm, diopter adjustable	○	○	E1020QA
	WF10X/22(Polmer), High eye-point up to 21mm, diopter adjustable	○	○	E1020QC
	Reticle Eyepiece: CROSDWP10X/20	○	○	E1020RA
	Reticle Eyepiece: CROSDWP10X/22	○	○	E1020RC
Centering Telescope	CTE	○	○	K2
Infinity Semi-Plan Objectives	40X/0.13 $\approx$ 0.17, WD12.31	●	●	WB-E4A
	10X/0.30 $\approx$ 0.17, WD6.75	●	●	WB-E10A
	40X/0.70 $\approx$ 0.17, WD0.76 (Spring)	●	●	WB-E43A
	100X/1.25 $\approx$ 0.17, WD0.12 (Spring, Oil)	●	●	WB-E100A
Infinity Semi-Plan Phase-Contrast Objectives (positive or negative)	PH 10X/0.30 $\approx$ 0.17, WD6.75	○	○	WB-CPH10A/WS-CPH10A
	PH 40X/0.70 $\approx$ 0.17, WD0.76 (Spring)	○	○	WB-CPH40A/WS-CPH40A
	PH 100X/1.25 $\approx$ 0.17, WD0.12 (Spring, Oil)	○	○	WB-CPH100A/WS-CPH100A
	Plan 40X/0.13 $\approx$ 0.17, WD12.31	○	○	WB-P4A
Infinity Plan Objectives	Plan 10X/0.30 $\approx$ 0.17, WD6.75	○	○	WB-P10A
	Plan 20X/0.45 $\approx$ 0.17, WD1.24	○	○	WB-P20A
	Plan 40X/0.70 $\approx$ 0.17, WD0.29 (Spring)	○	○	WB-P40A
	Plan 60X/0.80 $\approx$ 0.17, WD0.40 (Spring)	○	○	WB-P60A
Infinity Plan Phase-Contrast Objectives (positive or negative)	Plan 10X/0.30 $\approx$ 0.17, WD6.75	○	○	WB-PPH10A/WS-PPH10A
	PH Plan 20X/0.45 $\approx$ 0.17, WD1.24	○	○	WB-PPH20A/WS-PPH20A
	PH Plan 40X/0.70 $\approx$ 0.17, WD0.29 (Spring)	○	○	WB-PPH40A/WS-PPH40A
	PH Plan 60X/0.80 $\approx$ 0.17, WD0.40 (Spring)	○	○	WB-PPH60A/WS-PPH60A
Phase-Contrast Slide	10X PH	○	○	WB-PPH100A/WS-PPH100A
	40X PH	○	○	PCB-CPH10A
	100X PH	○	○	PCB-CPH100A
	Multi-purpose Phase-contrast Condenser: NA 1.25, Phase-contrast observation from 10X to 100X and Dark-field observation from 10X to 40X is allowed	○	○	JG20
Condenser	Abbe condenser/Abbe condenser: NA 1.25, with iris diaphragm, with socket to accommodate PH-slide, Condenser center adjustable, color-coded diaphragm scale markings corresponded with the objectives of different powers	●	●	JG2
	Dark condenser	○	○	JG10
Coarse/Fine Adjusters	Low-positioning, Co-axial coarse and fine focusing knobs with its height adjustable, Coarse knob linearly adjustable, Fine knob minimum reading/1micron of left-side fine knob, Maximum coarse working distance 22mm	●	●	
Stage	Mechanical Stage: 156x128mm platform, with X/Y travel of 76x54mm by low-positioned X/Y control control knob, with scale mark and specimen-slide clip, enough space to hold 2 specimen-slides	●	●	ZT2
	Backless Mechanical Stage: 185 (205) x177mm platform, with X/Y travel of 75x50mm by low-positioned X/Y control control knob/light or left hand, with scale mark and specimen-slide clip, enough space to hold 2 specimen-slides	○	○	ZT2A
Revolving Nosepiece	quadruple, forward facing	●	●	ZC480
Bluenation Kohler	quadruple, inward facing	○	○	ZC480
Electrical Parts	For Halogen Bulb Input: 100-240V ~0.5A, 47-63Hz, Output 6V 3.4A, Power 3.15A, 250V, F 45x20mm, Halogen Bulb Socket: G4, CE Certified	●	●	DQ2
	For LED	○	○	DQ2L2
C-Mount	SD2	●	●	SX2
Digital Camera Adapter	SD2	○	○	SD2
Photo Tube	SY2	○	○	SY2
Photo Eyepiece	PE10.5X	○	○	PE 10.5
	PE10X	○	○	PE 10
	PE16.3X	○	○	PE 16.3
Filter	Blue	●	●	LA1-0011
	Green	○	○	LA1-0011
	Yellow	○	○	LA1-0011
	Green Glass	○	○	LA1-0011
Filter Holder	Filter Holder (Attached to the Kohler) for more than one filter	○	○	LA1-0011
Polarization Kits	Analyser	○	○	PQ1
	Polariser	○	○	PN1
Refracted Fluorescence Attachment	B.G Excitation	○	○	
	UV-V.B.G Excitation	○	○	
	100W mercury lamp/mercury	○	○	
Illumination Bulb	6V/30W Osram Halogen Bulb	●	●	82-9023A
	6V/30W Osram Halogen Bulb	○	○	82-9023B
	3W LED Bulbs	○	○	82Z-1000
Interferer Oil	8ul	●	●	82-0027
Allen Screw Driver	42mm	●	●	82Z-0018
Power Line	1.8m, CE certified	●	●	82-0021
Package	Inner package: foam, plastic bag; Out Package: Paper box	●	●	82Z-0011A
Symbol Meaning: ● means standard, ○ means optional				



Dimensions (Unit : mm)



Net weight of Standard Outfits: 9.4kg

Gross Weight of Standard Outfits: 12.4kg