

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 Ina 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.



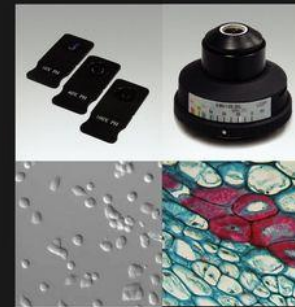
Objectives

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.



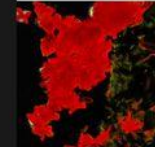
Abbe condenser

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.



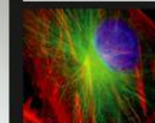
Phase-contrast condenser

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.

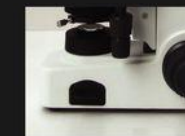


The height-adjustable co-axial coarse/fine focusing knob makes your routine work as comfortable and effortless as possible. Only a few hand movements are required to adjust the microscope to the user's arm length, and hand size.



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.

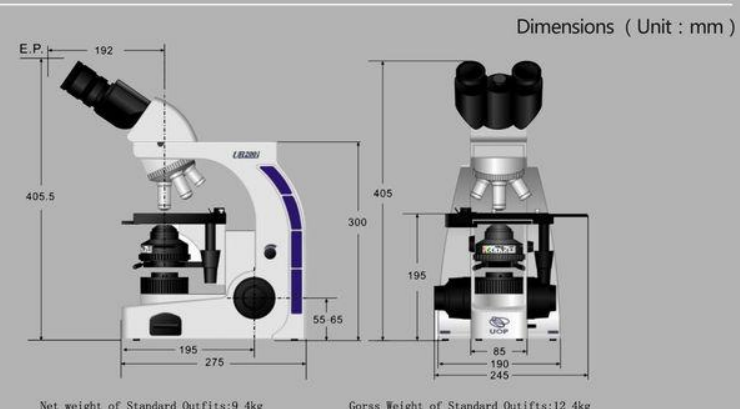
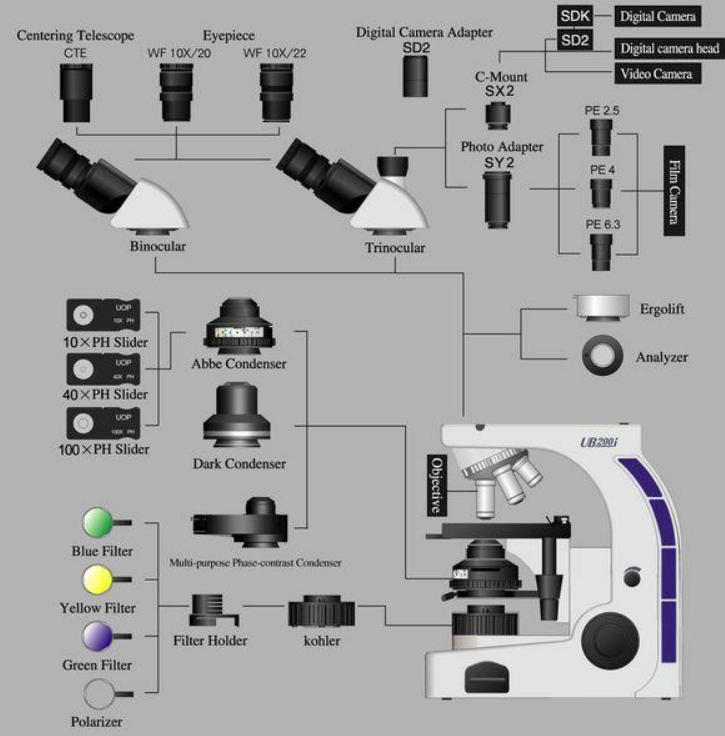


Heat-sink device of high efficiency

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

UB200i System Microscope Standard Outfits and Specifications

Parts	Specifications	UB200	UB20i	order number
UB200i Frame	One-piece construction from arm to base.	●	●	UB200
Optics	UCIS Infinity Independent Achromatic Optical Design	●	●	
Seldentop Observation Tube	Binocular Tube, Interpupillary distance 52-74mm, 30° inclined, 360° rotatable.	●	●	MS2
	Binocular Tube, Interpupillary distance 48-75mm, 30° inclined, 360° rotatable.	○	○	MS2A
Eyepiece	Trinocular Tube, Interpupillary distance 52-74mm, 30° inclined, trinocular light is split 20/80 by a high quality prism.	●	●	MT2
	Trinocular Tube, Interpupillary distance 48-75mm, 30° inclined, trinocular light is split 20/80 by a high quality prism.	○	○	MT2A
Eyepiece	WF10X/20, High eye-point up to 21mm, diopter adjustable.	●●	●●	E1020PA
	WF10X/22, High eye-point up to 21mm, diopter adjustable.	○○	○○	E1022PC
	WF16X/14	○○	○○	E1614WB
	WF10X/22(Polster), High eye-point up to 21mm, diopter adjustable.	○	○	E1020GA
	WF10X/22(Polster), High eye-point up to 21mm, diopter adjustable.	○	○	E1022GC
Centering Telescope	Reticle Eyepiece: CROSSWF10X/20	○	○	E1020RA
	Reticle Eyepiece: CROSSWF10X/22	○	○	E1022RC
Infinity Semi Plan Objectives	4X/0.13 ∅0.17, WD12.31	●	●	WB-E4A
	10X/0.30 ∅0.17, WD6.75	●	●	WB-E10A
Infinity Semi Plan Phase-Contrast Objectives (positive or negative)	40X/0.70 ∅0.17, WD0.76 (Spring)	●	●	WB-E40A
	100X/1.25 ∅0.17, WD0.12 (Spring,OD)	●	●	WB-E100A
Infinity Plan Objectives	PH 10X/0.30 ∅0.17, WD6.75	○	○	WB-EP610A/WB-EP610A
	PH 40X/0.70 ∅0.17, WD0.76 (Spring)	○	○	WB-EP640A/WB-EP640A
	PH 100X/1.25 ∅0.17, WD0.12 (Spring,OD)	○	○	WB-EP6100A/WB-EP6100A
	Plan 4X/0.13 ∅0.17, WD12.31	○	○	WB-P4A
	Plan 10X/0.30 ∅0.17, WD4.00	○	○	WB-P10A
Infinity Plan Phase-Contrast Objectives (positive or negative)	Plan 20X/0.45 ∅0.17, WD1.24	○	○	WB-P20A
	Plan 40X/0.70 ∅0.17, WD0.29 (Spring)	○	○	WB-P40A
	Plan 60X/0.80 ∅0.17, WD0.40 (Spring)	○	○	WB-P60A
	Plan 100X/1.25 ∅0.17, WD0.09 (Spring,OD)	○	○	WB-P100A
	PH Plan 10X/0.30 ∅0.17, WD4.00	○	○	WB-PPH10A/WB-PPH10A
Phase-Contrast Slide	PH Plan 20X/0.45 ∅0.17, WD1.24	○	○	WB-PPH20A/WB-PPH20A
	PH Plan 40X/0.70 ∅0.17, WD0.29 (Spring)	○	○	WB-PPH40A/WB-PPH40A
	PH Plan 60X/0.80 ∅0.17, WD0.40 (Spring)	○	○	WB-PPH60A/WB-PPH60A
	PH Plan 100X/1.25 ∅0.17, WD0.09 (Spring,OD)	○	○	WB-PPH100A/WB-PPH100A
	10X PH	○	○	PCB-XPH10A
Condenser	40X PH	○	○	PCB-XPH40A
	100X PH	○	○	PCB-XPH100A
Coarse/Fine Adjustment	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
	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
Stage	Dark condenser	○	○	JG10
	Low-positioning, Co-axial coarse and fine focusing knob with its height adjustable, Coars knob tension adjustable, Fine knob minimum reading/1microns of left-side fine knob, Maximum coars working distance:22mm	●	●	Z12
Revolving Nosepiece	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.	●	●	Z12A
	Rackless Mechanical Stage: 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.	○	○	Z12A
Illumination Kohler	quadruple, inward facing	●	●	ZQ480
	quintuple, inward facing	○	○	ZQ580
Electrical Parts	with field diaphragm	●	●	KL3
	For Halogen Bulb Input: 100-240V * 0.5A, 47-63Hz, Output:6V 3.4A, Fuse:3.15A, 250V, F	●	●	DQ2
C-Mount	For LED	○	○	DQ2
	SD2	○	○	S32
Photo Tube	SD2	○	○	S32
	SY2	○	○	S72
Photo Eyepiece	PE2.5X	○	○	S2.5
	PE4X	○	○	S4
Fiber	PE6.3X	○	○	S6.3
	Blue	●	●	LA1-0011
Filter Holder	Green	○	○	LUT-0011
	Yellow	○	○	LH1-0011
Polarization Kits	Grass Glass	○	○	LB1-0011
	Filter Holder: (Attached to the Kohler) for more than one filter.	○	○	LA1-0071
Reflected Fluorescence Attachment	Polarizer	○	○	PQ1
	100W mercury lamphouses	○	○	PP1
Illumination Bulb	B.G Excitation	○	○	
	UV-V.I.G Excitation	○	○	
Immerse Oil	6V20W Osram Halogen Bulb	●	●	BZ-0022A
	6V30W Osram Halogen Bulb	○	○	BZ-0022B
Power Line	3W LED Bulb	○	○	DQ2-1000
	8ml	●	●	BZ-0027
Package	Allen Screw Driver 42mm	●	●	BZ-0019
	1.8m, CE certified	●	●	BZ-0021
	Inner package: foam, plastic bag; Out Package: Paper box	●	●	BZ2-0011A
	Symbol Meaning: ● means standard, ○ means optional			



Net weight of Standard Outfits: 9.4kg Gross Weight of Standard Outfits: 12.4kg