

OLYMPUS[®]

Your Vision, Our Future

CLINICAL MICROSCOPE

BX41/BX45/BX45A/BX51

BX2 SERIES

UIS2
World-leading optics

More contrast, more clarity



The new UIS2 optical system: quicker, easier, more efficient performance for all routine applications.

Already renowned for their advanced ergonomic design, BX2 series clinical microscopes now incorporate Olympus' new UIS2 optical system to deliver a wealth of all-round performance improvements. With Plan objectives as standard equipment, they deliver flat, even, high-contrast observation images right up to the periphery of the field of view, providing a completely new standard of visibility in routine work. Offering high quality and excellent cost performance, BX2 series microscopes make routine tasks quicker, easier, and much more efficient.



BX41
System Microscope



BX45
Ergonomic Laboratory Microscope

OLYMPUS

World-leading optics



BX45A
Ergonomic Laboratory Microscope



BX51
System Microscope



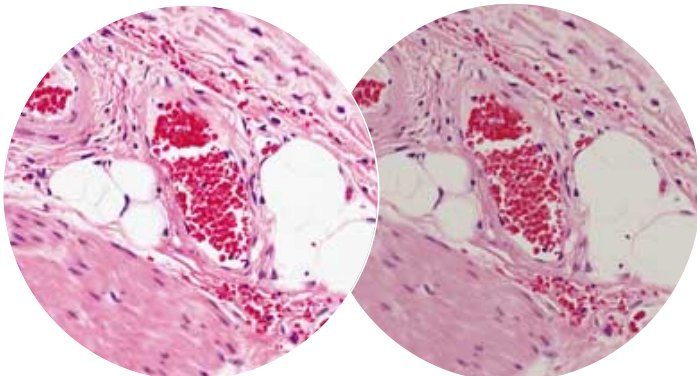
New UIS2 optics deliver specific, immediate benefits — better operability and better basic performance.

Plan objectives for image clarity

Setting the standard for clinical inspection microscopes ultimately depends on image clarity. Olympus' choice of plan objectives ensures bright, clear observation images with excellent flatness and full compensation for chromatic aberrations.

Improved viewing contrast

The combination of UIS2 objectives with the fully multi-coated UIS2 eyepieces (WHN series), gives higher image contrast and a striking improvement in overall visibility. Stained specimens show greater clarity with a whiter background.

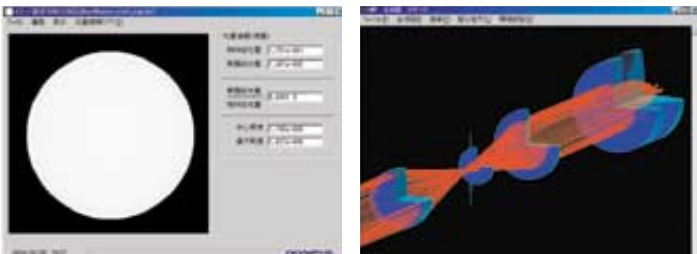


UIS2 image

Conventional image

Even illumination to the edge of the visual field

Using original transmitted light diffusion simulation technology, Olympus developed a diffusion optical device which provides bright, even illumination from low to high magnifications.



Environmentally-friendly UIS2 optics

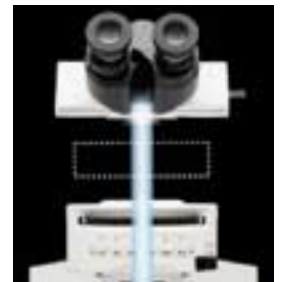
Recognizing the interdependence of optical excellence and care for the environment, Olympus makes all UIS2 objectives and WHN eyepieces from lead-free eco-glass. We will continue to seek new ways to incorporate this material into optical parts that have glass components.

Ideal color temperature for digital imaging

Because UIS2 optics' color temperature at both the eyepiece and on the CCD surface is closer to natural daylight (5500K), color reproduction on the monitor matches more closely to what is seen during observation.

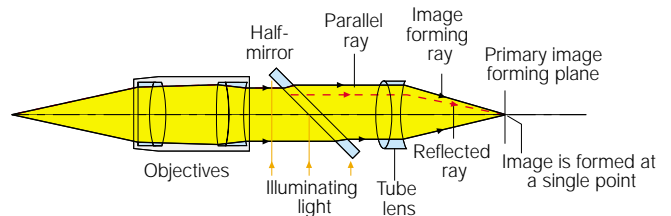
Advanced, high-performance UIS2 optical system

Olympus' principal reason for replacing the popular and well regarded UIS optical system with its UIS2 successor is to meet a more diverse and demanding range of future needs. Olympus' infinity-corrected optical system has the tube lens inside the observation tube, which prevents image deterioration even if other optical components and items of equipment are added in the parallel luminous flux. In addition, UIS2 flexibility provides greater freedom in system structure, even allowing equipment to be added in two tiers simultaneously.



■ Infinity-corrected optics

Infinity-corrected optics incorporates a parallel luminous flux along the light path. Even if a half-mirror (or other components) are inserted into the parallel luminous flux, there is no image retardation and no deterioration in image clarity.





Superior cost-efficiency and clinical inspection precision.

Durable stage assures consistent operability

The BX2 series employs a rackless stage which the X-axis guide does not protrude. This means there is nothing for the operator's hand to accidentally strike when replacing a specimen or adjusting focus, thus avoiding personal injury or specimen damage. The stage is ceramic coated to maximize durability and ensure consistently smooth specimen movement.



Fatigue-free operation with minimum hand movements

The on/off switch and light intensity adjustment controls are located at the front of the unit, so the users can keep their arms on the table and perform operations with minimal hand movements. The BX45A is equipped with a hand switch to change objectives.



Moving specimens with a single finger

The XY handle of the stage is fitted with a rubber cap for easy, fingertip operation.



Tilting tube allows better concentration on inspections

The BX2 series tilting observation tube lineup (U-CTBI, U-TBI-3, U-TTBI and U-ETBI) is designed to promote comfort and reduce fatigue, enabling operators to maintain concentration for long periods. One model emphasizes high cost efficiency, another offers improved ergonomics derived from detailed research into observation posture, and another presents the observation image moving in the same direction as the specimen. Users can therefore make their choices based on purpose and preference.



Metal construction for maximum rigidity

The microscope bodies are made from aluminum alloy to ensure the high rigidity needed for consistent performance and long-term durability.

Comprehensive range of routine work functions with outstanding cost-performance.



Easy-to-operate rackless stage

A rackless stage is employed with no protrusion of the X-axis guide; all fine movements, as well as stopping, are extremely smooth. The stage can be rotated, which is useful when framing an image.



Fine movement adjustment

The removable fine focus handle can be attached on either side, depending on the user's dominant hand.



Fully portable

A handle on the back of the microscope body makes it fully portable.



Compact Y-shape design

The microscope body's compact Y-shape design, only 328mm deep, makes for easy setup even in restricted spaces.



Front-positioned power switch and intensity adjustment knob

The on/off switch and light intensity control are mounted at the front of the unit. Users can work with minimum hand movements, keeping arms on the table.



Filter cassette provided

The convenient U-FC filter cassette enables easy access to up to three filters (ø45mm and under 2.8mm thickness).



Detachable revolving nosepiece

The detachable revolving nosepiece allows for a quick exchange of objectives and makes lens cleaning easier. Quintuple to septuple versions available.



BX41

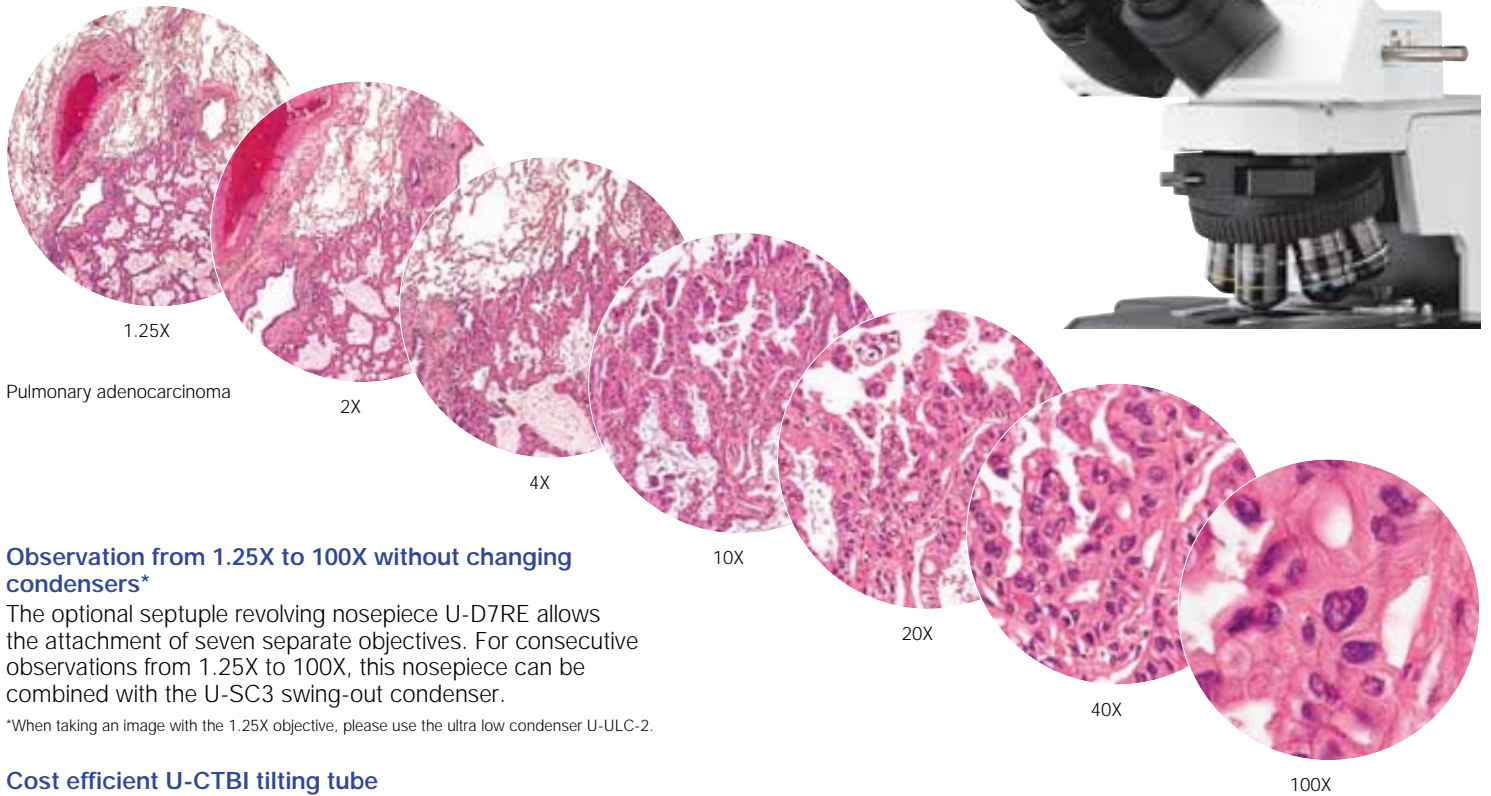
8-position condenser to improve universality

This optional 8-position universal condenser gives even more freedom to combine observation methods. Optical component combinations can accommodate brightfield, darkfield, phase contrast, Nomarski DIC and simple polarization observations.



Digital photomicrography: quality with cost-performance

A full lineup of digital cameras is available, giving users a wide choice to meet their needs. The lineup includes a stand-alone type microscope digital camera for use without a PC; the DP70, which is suitable for all-around use from brightfield to fluorescence; and adapters to connect to Olympus consumer digital cameras.



Observation from 1.25X to 100X without changing condensers*

The optional septuple revolving nosepiece U-D7RE allows the attachment of seven separate objectives. For consecutive observations from 1.25X to 100X, this nosepiece can be combined with the U-SC3 swing-out condenser.

*When taking an image with the 1.25X objective, please use the ultra low condenser U-ULC-2.

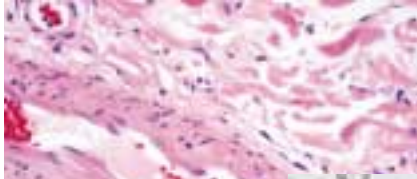
Cost efficient U-CTBI tilting tube

This economical model features 5° to 35° tilting capability, allowing for variations in observers' eyepoints.

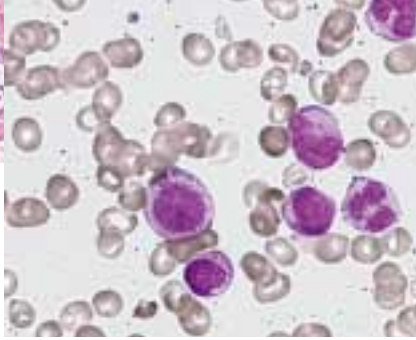
*The F.N. for U-CTBI is 18.



Equally suitable for multiple observation methods, from brightfield to fluorescence.



Small intestine



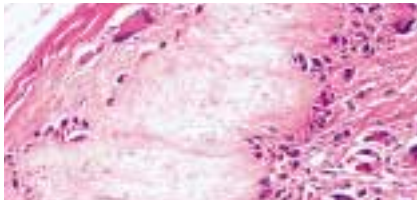
Bone marrow

Brightfield observation

Brighter images, with superb resolution/flatness at all magnifications

PLAPON objectives with wide F.N. combined with the Achromatic-aplanatic condenser U-AAC will deliver excellent resolution and flatness from low to high magnifications.

A dedicated ultra low magnification condenser (U-ULC-2) should be used for 1.25X and 2X.



Gout inspection
Brightfield (left),
Simple polarized light (right)



Polarized light observation

High-resolution view of double refraction structure in cells

Tooth, bone, muscle tissue, nerve tissue, actomyosin fiber and mitotic spindle can all be observed, without staining. There are intermediate attachments (U-OPA/U-CPA) for orthoscopic and orthoscopic/conoscopic. Various compensators make it possible to observe a wide range of retardation. Also available is a condenser exclusively for polarization observation, revolving nosepiece, rotating stage, objectives and simple polarizing attachment.



①U-CPA ②U-P4RE ③U-AN360P ④U-OPA ⑤U-POC-2

Darkfield observation

Excellent darkfield effect from low to high magnifications

Choose from the 10X —100X dry darkfield condenser (U-DCD) or the 20X —100X oil immersion darkfield condenser (U-DCW).

* Please consult your nearest Olympus dealer for applicable objectives.



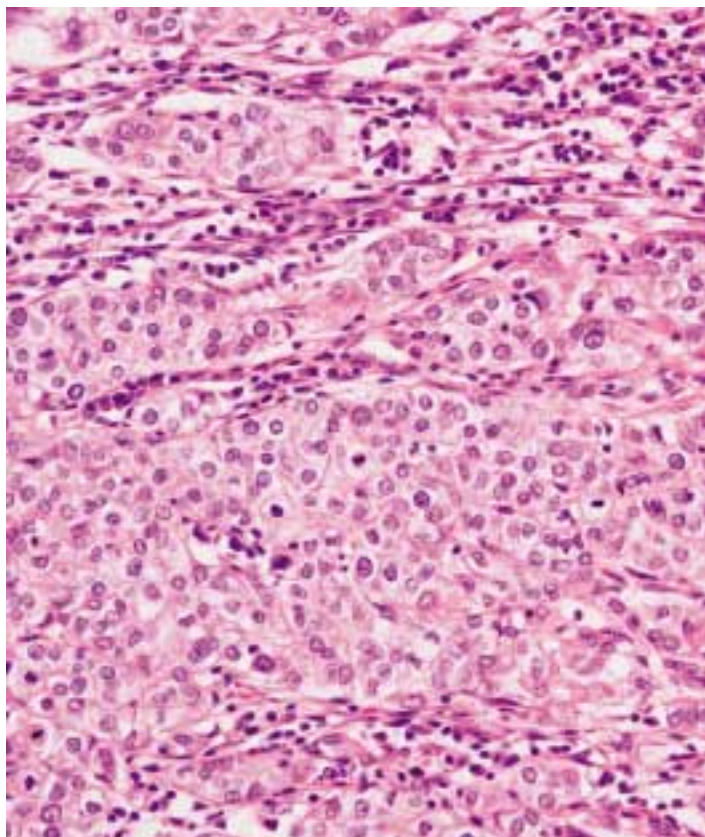
Phase contrast observation

High-contrast, high-resolution imaging

High contrast phase imaging allows close observation of the cell interior and of live bacteria. Using UPLFLN-PH or PLN-PH series objectives, phase contrast observation from 4X up to 100X is possible. With the U-PCD2 condenser, users can view specimens in brightfield or darkfield depending on their chosen combination of optical components.

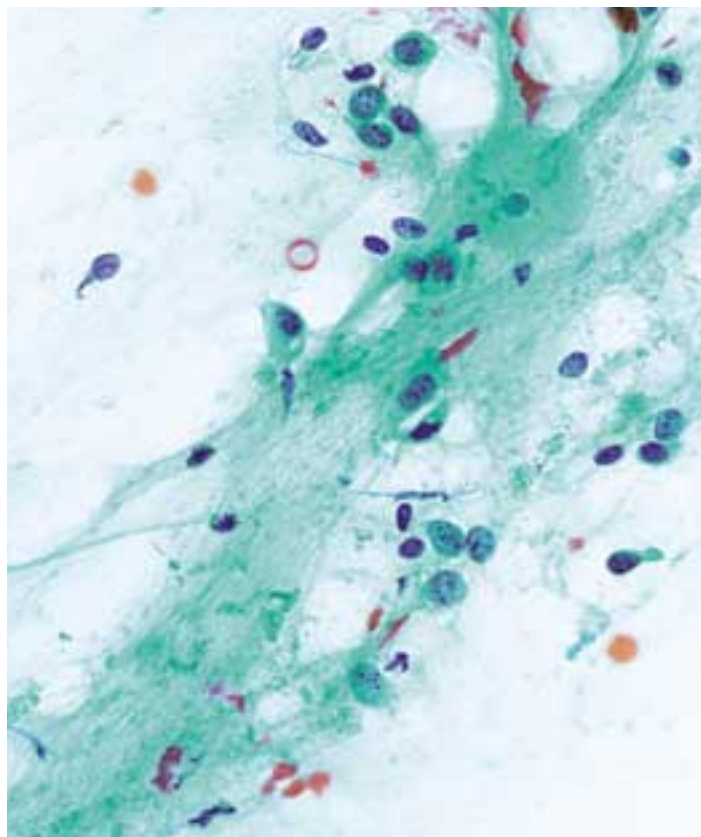
Simultaneous observation with reflected light fluorescence is also possible.





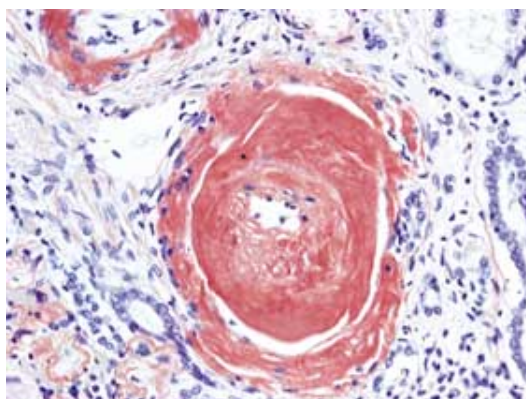
Breast cancer

Brightfield observation

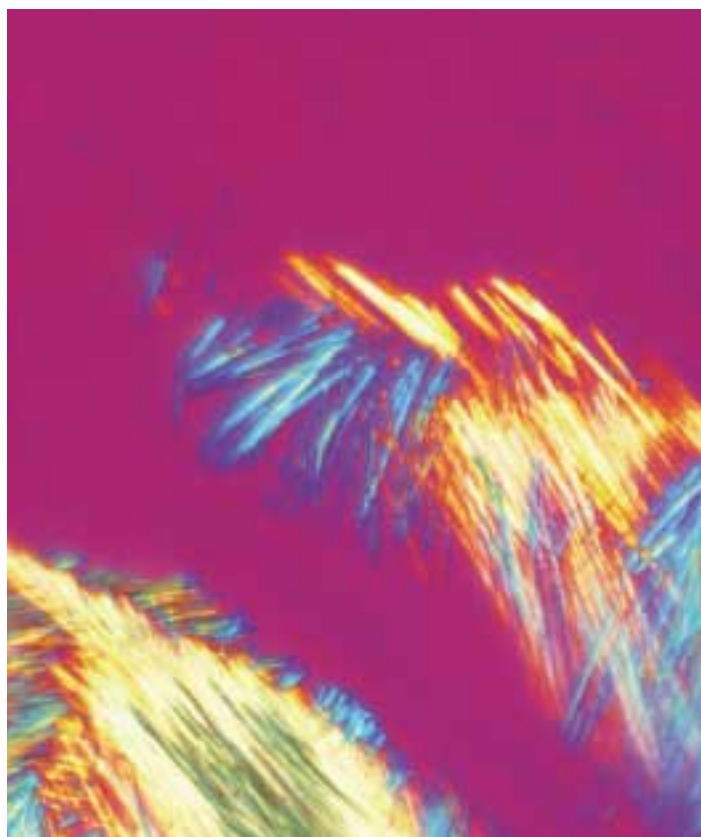
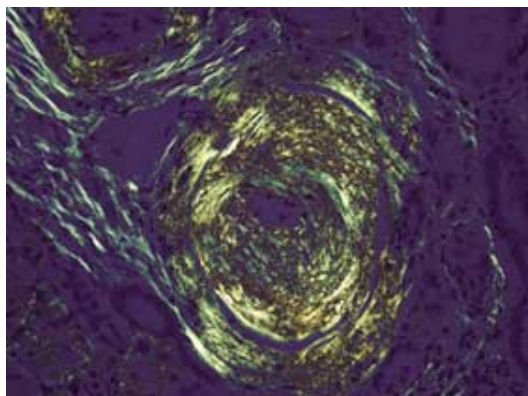


Papanicolaou stain

Brightfield observation



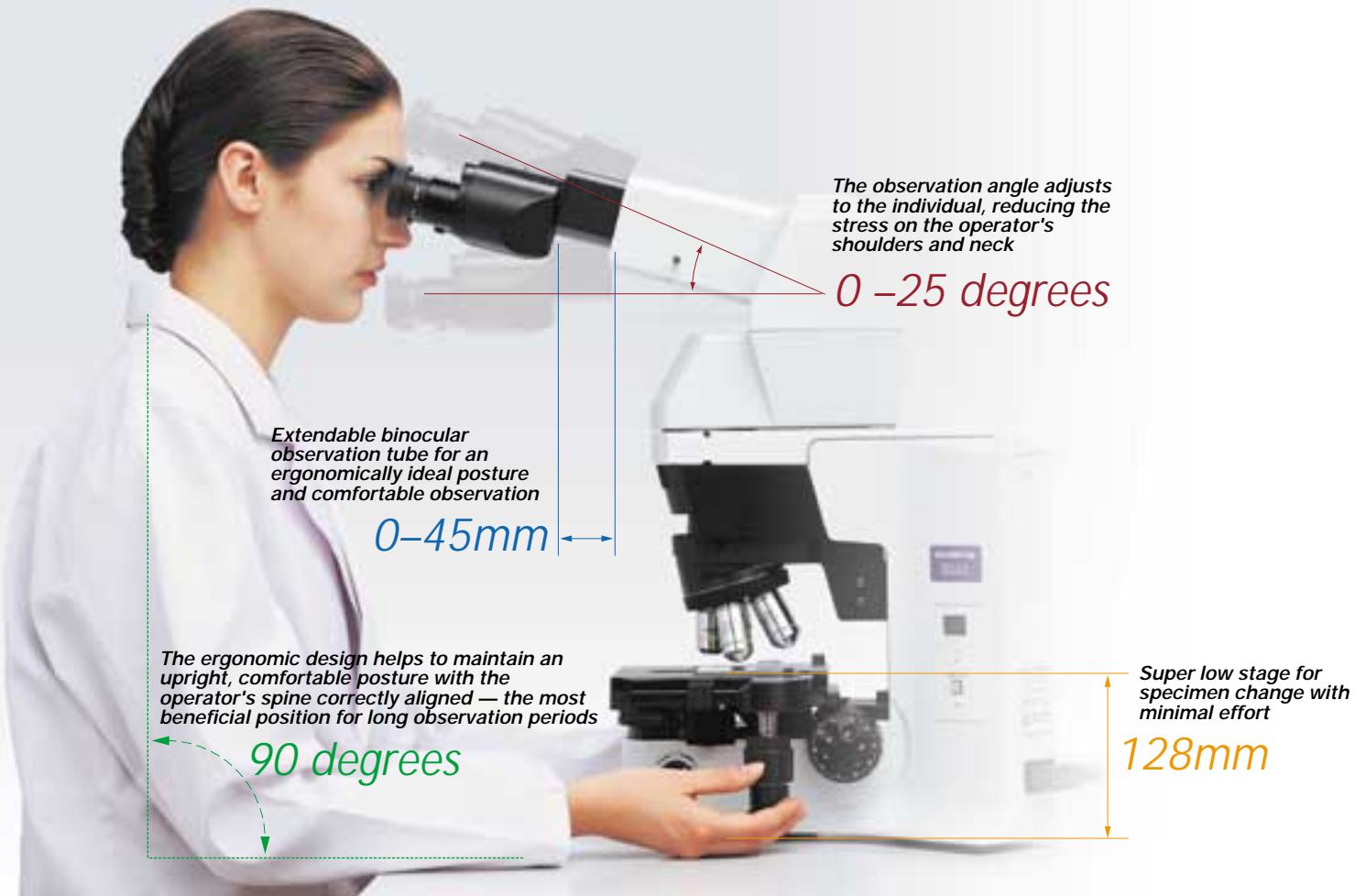
Amyloid
Brightfield observation
(above),
Simple polarized light
observation (below)



Gout inspection

Simple polarized light observation

Ergonomic design for improved operability and less fatigue.

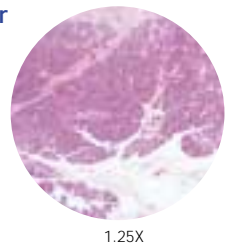


Low-position stage makes changing specimens easy

Use of a new illumination system allows the stage to be fixed at only 128mm above the desk surface, the lowest position in this class of microscope. Focusing is performed by up/down movement of the revolving nosepiece, so there is no variation in stage height and all specimens can be changed with the same minimal hand movement. Focusing and stage operations can be done without removing your hands from the desktop, significantly reducing fatigue.

Swing-out condenser for observation over a wide area provides observation at low (1.25X) magnification

The built-in swing-out condenser allows use of ultra low objectives such as 1.25X and 2X. The initial observation covers a wide area, allowing the operator to quickly determine any zone needing closer attention.



Compliance with multiple applications

The 3-position universal condenser allows brightfield, darkfield, phase contrast, and simple polarizing observations. Optical components (PH1, PH2, PH3, DFA) and filters (ø32 ND, LBD, IF550) can be easily attached and inserted into the condenser turret.



Convenient range of ergonomic observation tubes

In addition to the general ergonomic observation tube for inverted image observation, there is another version for erect image observation (where the direction of specimen movement matches the direction of observation image movement).

4X to 100X observations with top lens

Consecutive observation from 4X to 100X is now possible with a top lens making it no longer necessary to swing out of the optical path.

Numerous objectives to suit various specific purpose

The extensive range of objectives includes the PLN-PH series, for phase contrast observation, as well as no-cover models which are ideal for observing smear specimens (e.g. blood) without requiring a cover glass.

Specimen observation with low contrast

The condenser's aperture diaphragm can be shifted to give oblique illumination. Observation of a thick transparent specimen thus becomes easier to view due to the addition of shadow effect.

BX45

Easy gout inspection

Gout testing requirements are met, as the analyzer is easily inserted or removed from its position in the revolving nosepiece. In addition a rotating stage can be employed.



U-GAN gout analyzer



① U-SRG2 rotatable stage ② BX45-PO polarizer
③ U-GAN gout analyzer



Sodium urate crystal



A key priority: reducing fatigue in cytological examinations

BX45A

Motorized objective change

Through a handswitch, the motorized operation of changing between 10X and 40X objectives is quick and easy. The handswitch is convenient and allows the operator to keep their hands on the desktop.



Focusing position correction ring

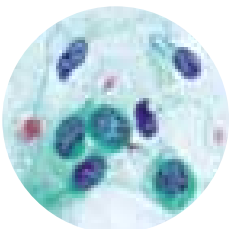
The BX45A is equipped with correction rings to parfocalize the objectives. No focus change is required when changing magnification.

No need for light adjustment when changing objectives

The 10X objective equipped with ND filter enables the same level of brightness even if the magnification is changed from 10X to 40X. No brightness adjustment (e.g. of light intensity) is required.



10X



40X

Papanicolaou stain



Outstanding optical performance and flexible expandability, from clinical to research applications.

Separate arm improves system performance

The BX51 employs an entirely new structure, whereby the transmitted light arm and the microscope body are separated. This gives users greater freedom to build system configurations of their choice.



DP70/Microscope digital camera & DP-BSW/Software

High-speed capture of high resolution images equivalent to 12.5 million pixels. Clear, crisp fluorescent images can be obtained with high sensitivity and reduced noise (equivalent to ISO100-1600). The user-friendly GUI (Graphical User Interface) makes it quick and easy to capture, adjust and store digital images.

Observation from 1.25X to 100X without changing condensers*

The septuple revolving nosepiece U-D7RE allows the attachment of seven separate objectives. For continuous observations from 1.25X to 100X, this nosepiece can be combined with the U-SC3 swing-out condenser (Also compatible with the BX41.).

*When taking an image with the 1.25X objective, please use the ultra low condenser U-ULC-2.

Up to 4 filters can be built in

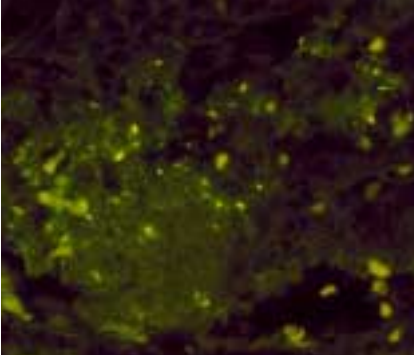
The BX51 is equipped with three filters in the base (ND6, ND25, LBD) and a fourth can be added as an option. The lever at the side of the base makes inserting and ejecting filters easy.



Luminous mirror unit indicator for easy confirmation in dark room

Bright, easy-to-see self-illuminated labels are used to denote fluorescence filter sets, easily visible in a dark room. Three filter positions are displayed simultaneously making selection of the next filter easy and intuitive.



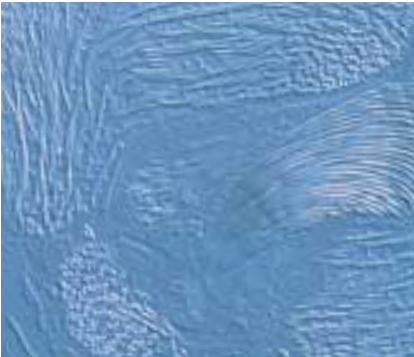


Tuberculosis bacteria

Fluorescence observation

New improvements in Olympus fluorescence observation

Two illuminators are offered: the arm-integrated, high-rigidity reflected light illuminator BX-URA2 and the fluorescence illuminator BX-RFA. Each can be fitted with six fluorescence mirror units which can be easily interchanged with the turret. Their efficient illumination achieves twice the brightness of conventional fluorescence images at low magnification.



Newt testis

Nomarski DIC observation

Image optimization according to specimen characteristics

To ensure the optimum observation image for different specimens, the BX51/BX41 has DIC sliders with different levels of shearing. Choose from several types: the U-DICT or U-DICTS, which offer high all-round performance; the U-DICTHC for high contrast imaging of thin specimens; or the U-DICTHR for high resolution, glare-free observation of thick specimens. An 8-position universal condenser (optional) can be combined with other optical components for conducting a variety of brightfield, darkfield, phase contrast, Nomarski DIC and simple polarizing observations.



① U-UCD8 ② U-DICT
③ U-DICTS ④ U-TLO ⑤ U-TLD



BX51



BX51-FL

ACCESSORIES

OBSERVATION TUBES/EYEPOINT ADJUSTER

A variety of products is available, from widefield binocular tubes to super widefield trinocular models. There is also a choice of tilting tubes, including models for inverted image observation and erect image observation (where the direction of specimen movement matches the direction of observation image movement).



- ① Super widefield erect image trinocular tube/U-SWETR
- ② Super widefield trinocular tube/U-SWTR-3 ③ Trinocular tube/U-TR30-2
- ④ Trinocular tube/U-TR30NIR ⑤ Binocular tube/U-BI30-2
- ⑥ Tilting binocular tube/U-TBI-3 ⑦ Ergonomic binocular tube/U-ETBI
- ⑧ Ergonomical binocular tube/U-TTBI ⑨ Single port tube/U-SPT
- ⑩ Eyepoint adjuster/U-EPA ⑪ Economical tilting binocular tube/U-CTBI

EYEPIECES / PHOTO EYEPIECES



Widefield eyepiece/WHN, WH

The WHN maintains image flatness even when stacking a reflected light illuminator and intermediate attachments.

Super widefield eyepiece/SWH

Compatible with F.N. 26.5.

Eyepiece specifications

Item	Name	F.N.	Diopter	Micrometer (ømm)
Widefield	WHN10X	22		24
	WHN10X-H	22	-8 — +5	24
	WH15X	14		24
	CROSSWHN10X	22	-8 — +5	
Super widefield	SWH10X-H	26.5	-8 — +2	—
	MICROSSWH10X	26.5	-8 — +2	
	CROSSSWH10X	26.5	-8 — +2	
Finder eyepiece	35WHN10X	22	-8 — +5	
	35SWH10X	26.5	-8 — +2	
	PSWH10X	26.5	-8 — +2	

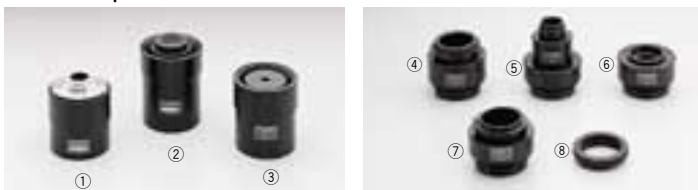
* Users who want the SWH10X micrometer: please have your eyepiece adapted by the manufacturer.

CAMERA ADAPTERS

TR-Adapters

The single port tube of the trinocular tube is detachable, and can be used with various cameras through a range of adapters. Using the U-TV1X-2, camera can be shot directly with no need for a shooting lens. The potential of your microscope is greatly increased by its multiple image utilization capabilities.

Camera adapters



STAGES

The U-SHG and U-SHG rubber grip can be attached to the standard stage handle. Different specimen holders are available for use with one slide glass or two, making it easier to switch specimens with just one hand. As well as a plain stage, there is also a rotating model that allows the attachment of a duplex mechanical stage, and a grooved stage which disperses immersion oil to prevent the slide glass from sticking. Users can choose according to application.



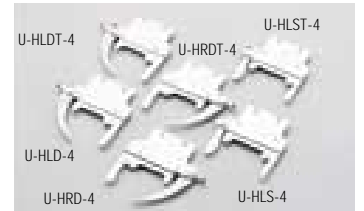
Mechanical stage with left-hand control/U-SVLB-4
Specimen holder/U-HRD-4
Rubber grip/U-SHG



Mechanical stage with right-hand control/U-SVRB-4
Specimen holder/U-HLD-4
Rubber grip/U-SHG



Oil rectangular stage with right-hand control/U-SVRO
Oil rectangular stage with left-hand control/U-SVLO
Specimen holder/U-HLD-4
Rubber grip/U-SHG



Specimen holders



Rotatable stage/U-SRG



Plain Stage/U-SP

REVOLVING NOSEPIECES



Centerable sextuple revolving nosepiece/
U-P6RE

Sextuple centerable revolving nosepiece, allows centration of three objectives.



Septuple revolving nosepiece for DIC/simple POL/
U-D7RE

Septuple revolving nosepiece with slider slot for DIC/POL.

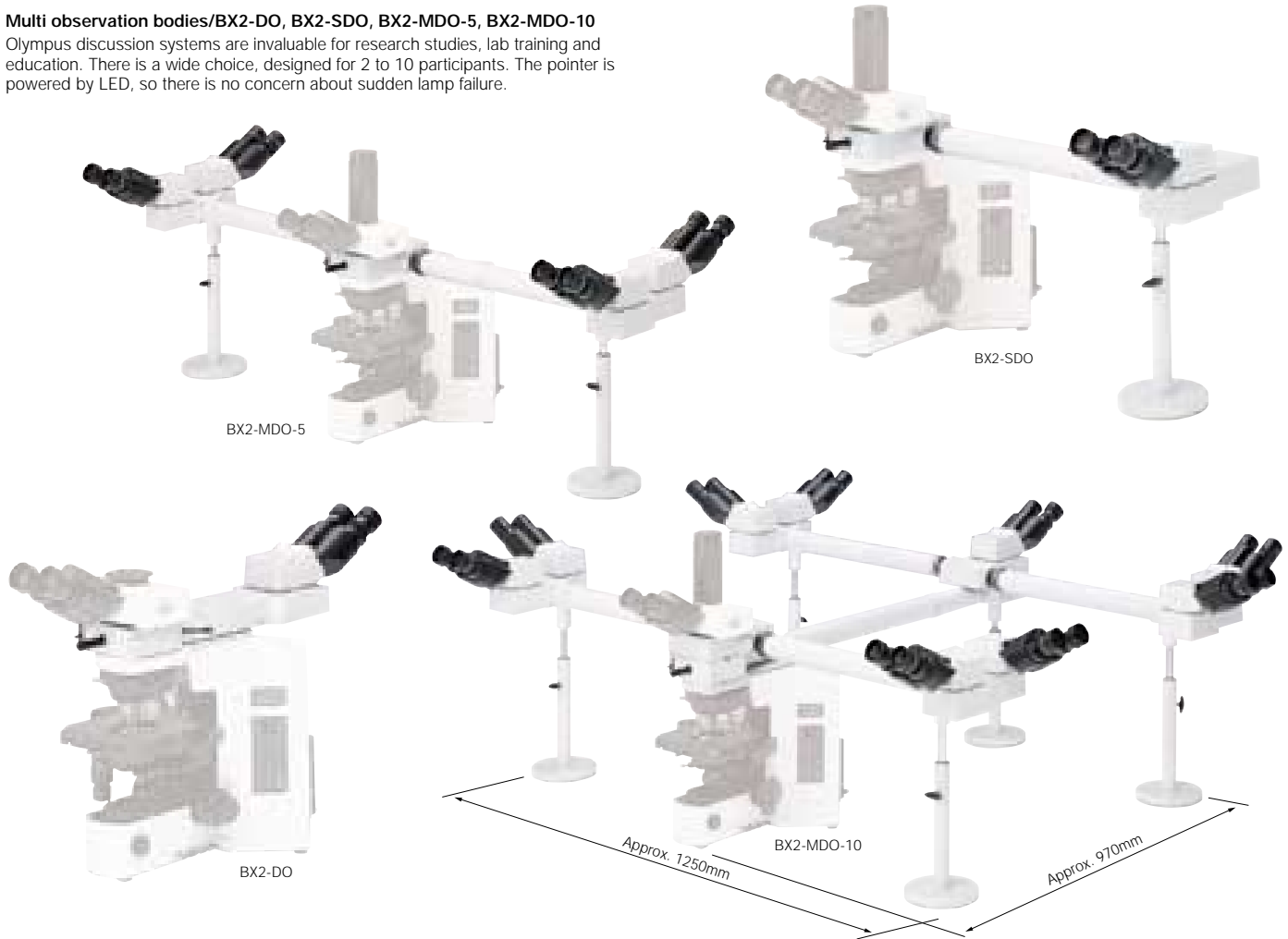


- ① U-PMTVC
- ② U-PMTV
- ③ U-PMTV1X
- ④ U-SMAD
- ⑤ U-CMAD3
- ⑥ U-TMAD
- ⑦ U-BMAD
- ⑧ U-FMT
- ⑨ U-TV0.25XC
- ⑩ U-TV0.5X
- ⑪ U-TVZ
- ⑫ U-TV0.35XC-2
- ⑬ U-TV0.5XC-3
- ⑭ U-TV1X-2

GROUP OBSERVATION SYSTEMS

Multi observation bodies/BX2-DO, BX2-SDO, BX2-MDO-5, BX2-MDO-10

Olympus discussion systems are invaluable for research studies, lab training and education. There is a wide choice, designed for 2 to 10 participants. The pointer is powered by LED, so there is no concern about sudden lamp failure.



OTHER ACCESSORIES



Dual port/U-DP
The dual port may be used for a variety of purposes: separating the image by spectral composition (e.g. directing fluorescence to one port, infrared to the other), as an illumination port for adding a new incident light source or as a C-count compatible trinocular port for image output. A 1X image formation lens is also provided.



Trinocular intermediate attachments/ U-TRU, U-TRUS
This intermediate trinocular attachment can be used simultaneously with the inclinable binocular observation tube (U-TBI-3). Two light paths are selectable: 100% light for binocular observation or 20% for binocular observation and 80% for imaging through the trinocular port.



Simple polarizing attachment
Simple polarizing observation can be accomplished with the combination of U-KPA intermediate attachment for simple polarizing observation, U-ANT analyzer for transmitted light and U-POT polarizer.



Drawing attachment/U-DA
The drawing attachment projects an image of the pencil and drawing surface into the visual field. Tracing of microscopic structures is made easier and more accurate.



Magnification changer/U-ECA, U-ECA1.6X
This intermediate magnification changing component expands the capability of UIS2 objectives, optimizing the image field without the interruption of rotating the objective lens: This should be : U-ECA: 1X / 2X, U-ECA1.6X: 1X / 1.6X.



Magnification changer/U-CA
This intermediate magnification changing component expands the capability of UIS2 objectives, optimizing the image field without the interruption of rotating the objective lens: 1X / 1.25X / 1.6X / 2X.



Arrow pointer/U-APT
Enables insertion of a red or green LED arrow for display on a monitor or for reproduction with a photomicrograph.

BX41/BX51 specifications

Item		BX41	BX51
Microscope frame	Optical system	UIS2 optical system	
	Focus	Vertical stage movement: 25mm stage stroke with coarse adjustment limit stopper, Torque adjustment for coarse adjustment knobs Stage mounting position variable, High sensitivity fine focusing knob (minimum adjustment gradations: 1µm)	
	Illuminator	Built-in Koehler illumination for transmitted light 6V30W halogen bulb (pre-centered) Light preset switch	Built-in Koehler illumination for transmitted light 12V100W halogen bulb (pre-centered) Light preset switch Light intensity LED indicator Built-in filters (LBD-IF, ND6, ND25 optional)
Revolving nosepiece	Interchangeable reversed quintuple/sextuple/septuple nosepiece		
Observation tube	F.N. 18 (for BX41)	•Tilting binocular, inclined 5°-35°	
	Widefield (F.N. 22)	•Widefield binocular, inclined 30° •Widefield tilting binocular, inclined 5°-35° •Widefield trinocular, inclined 30° •Widefield ergo binocular, inclined 0°-25°	
	Super widefield (F.N. 26.5)	Super widefield trinocular, inclined 24°	
Stage	Ceramic-coated coaxial stage with left or right hand low drive control: with rotating mechanism and torque adjustment mechanism, optional rubber grips available (Non stick grooved coaxial, plain, rotatable stages are also available)		
Condenser	<ul style="list-style-type: none"> •Abbe (N.A. 1.1), for 4X — 100X •Swing out Achromatic (N.A. 0.9), for 1.25X — 100x (swing-out: 1.25X — 4x) •Achromatic Aplanatic (N.A. 1.4), for 10X — 100X •Phase contrast, darkfield (N.A. 1.1), (phase contrast: for 4X — 10X, darkfield: for 10X — 100X [less than N.A. 0.7]) •Universal (N.A. 1.4/0.9), for 2X — 100X (swing-out: 2X — 4X, with oil top lens: 20X — 100X) •Darkfield dry (N.A. 0.8 — 0.92), for 10X — 100X •Darkfield oil (N.A. 1.20 — 1.40), for 10X — 100X •Ultra low (N.A. 0.16), for 1.25X — 4X 		

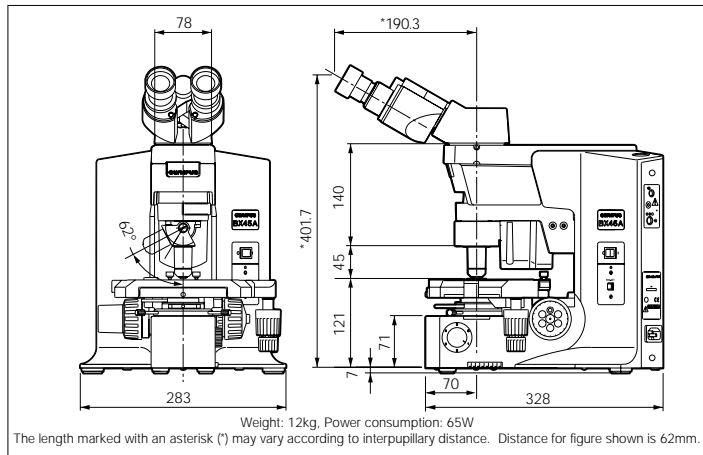
BX45/BX45A specifications

Item		BX45A*	BX45
Microscope frame	Optical system	UIS2 optical system	
	Focus	Fixed low stage nosepiece focus 15mm focus stroke with coarse adjustment limit stop Torque adjustment for coarse adjustment knobs High sensitivity fine focusing knob (adjustment gradations: 1µm)	
	Illuminator	Built-in Koehler illumination for transmitted light 6V30W halogen bulb (pre-centered) Light preset switch	
Revolving nosepiece	Fixed motorized 2-position revolving nosepiece		Fixed reversed quintuple nosepiece
Observation tube	Widefield (F.N. 22)	•Widefield binocular, inclined 30° •Widefield tilting binocular, inclined 5°-35° •Widefield trinocular, inclined 30° •Widefield ergo binocular, inclined 0°-25°	
Stage	Ceramic-coated coaxial stage with left or right hand low drive control, rotating mechanism and torque adjustment mechanism (Plain, rotating stages are also available)		
Condenser	Brightfield 4X — 40X (N.A. 0.9)		Fixed 3 position universal condenser (N.A. 0.9) 1.25X — 100X (swing out: 1.25X — 2X)

* 4-40X dry type objectives besides UPLSAPO40X are mountable.

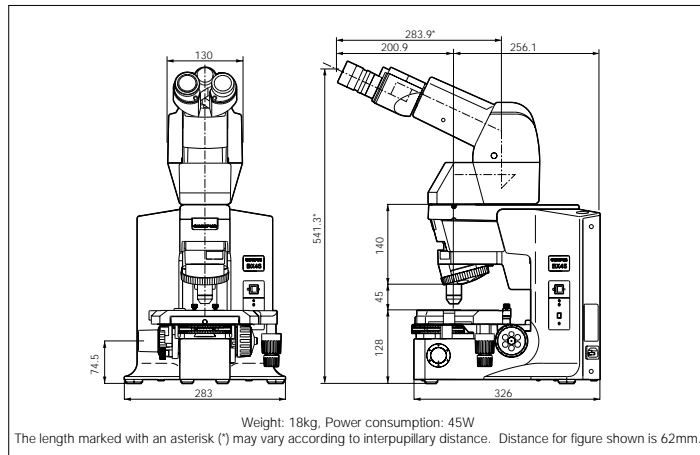
BX45A dimensions

(unit: mm)



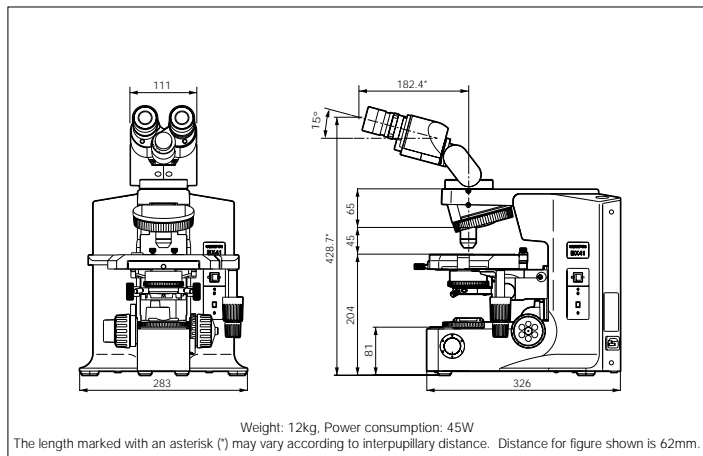
BX45 dimensions

(unit: mm)



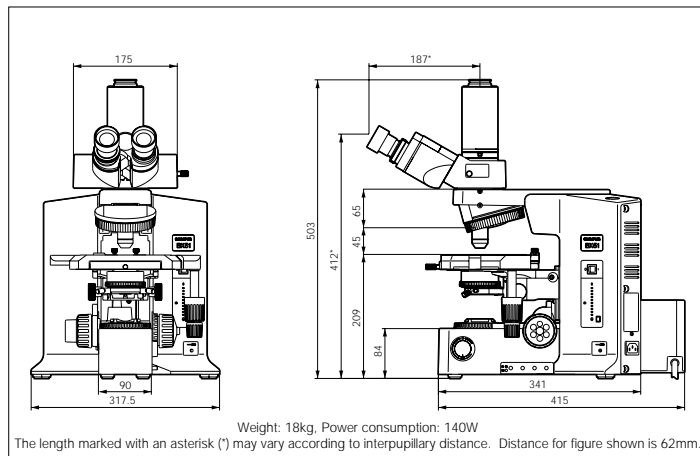
BX41 dimensions

(unit: mm)

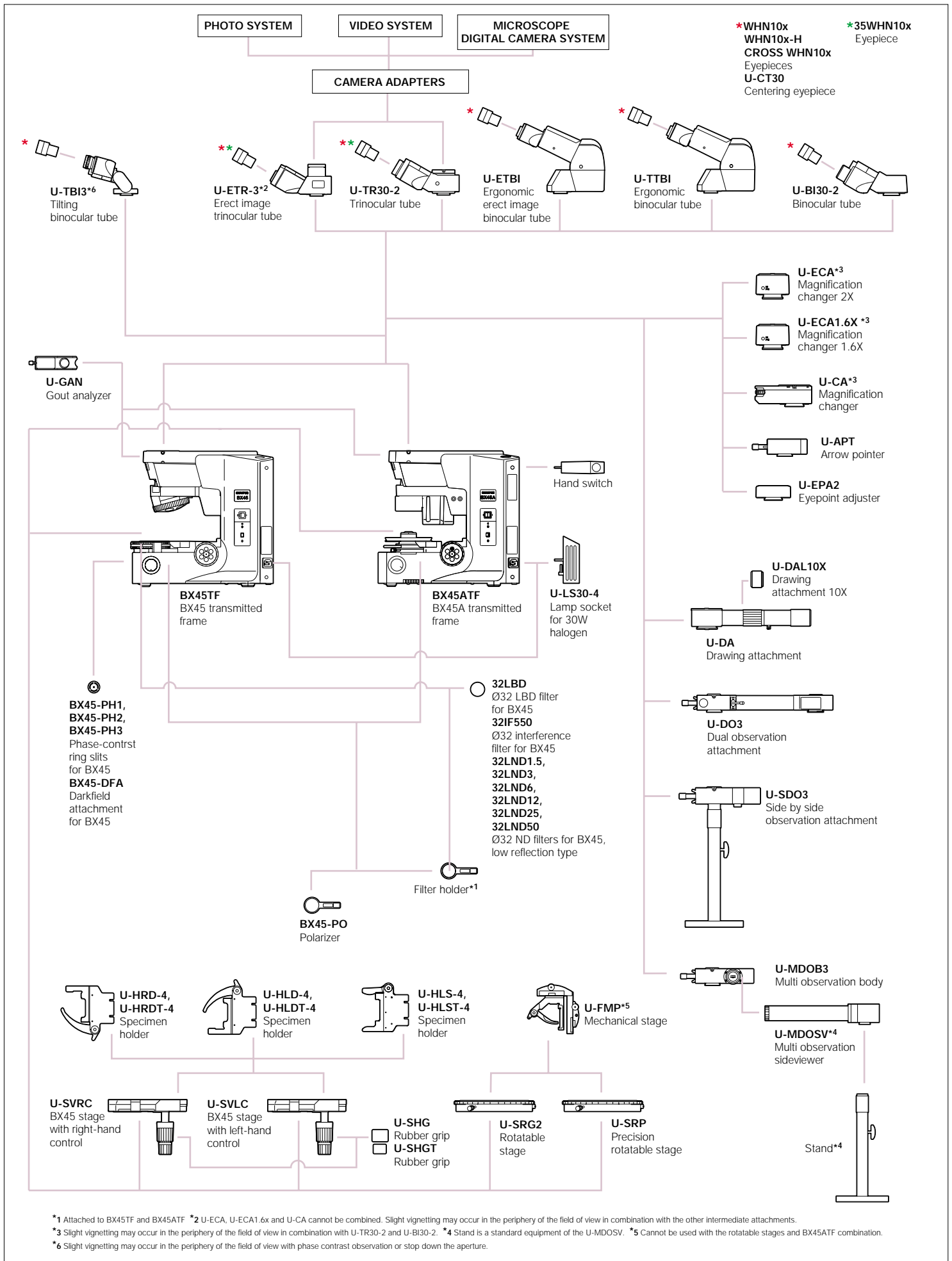


BX51 dimensions

(unit: mm)

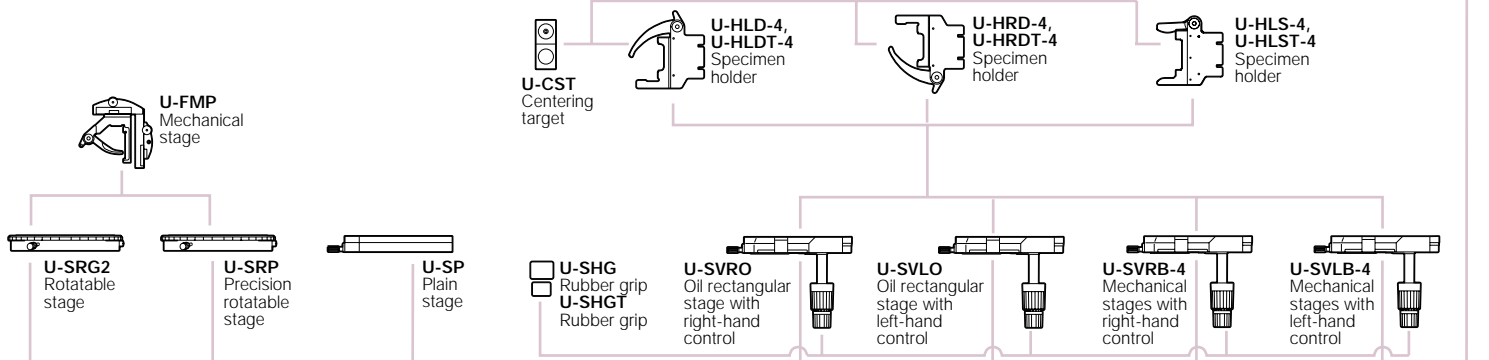
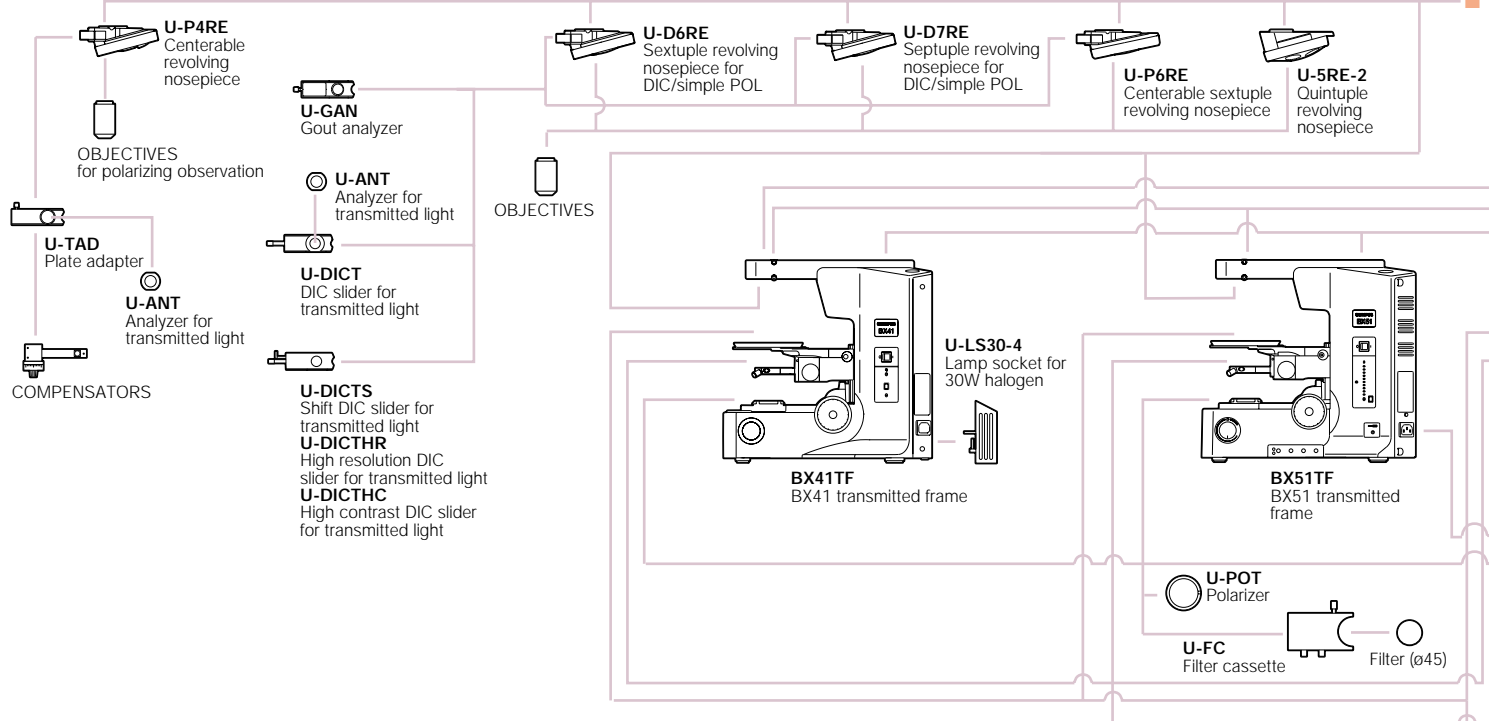
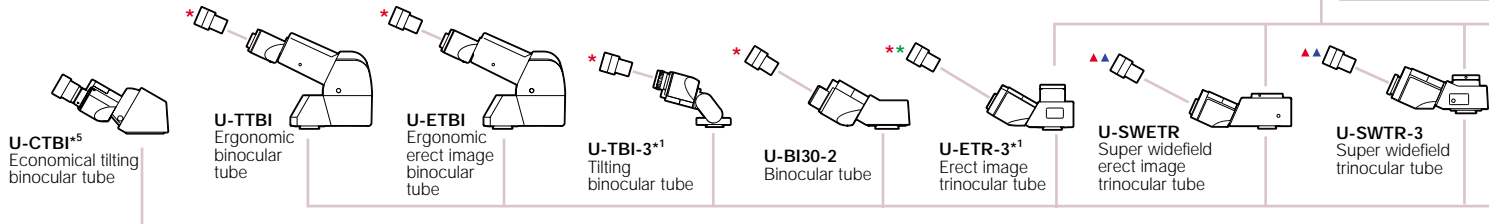
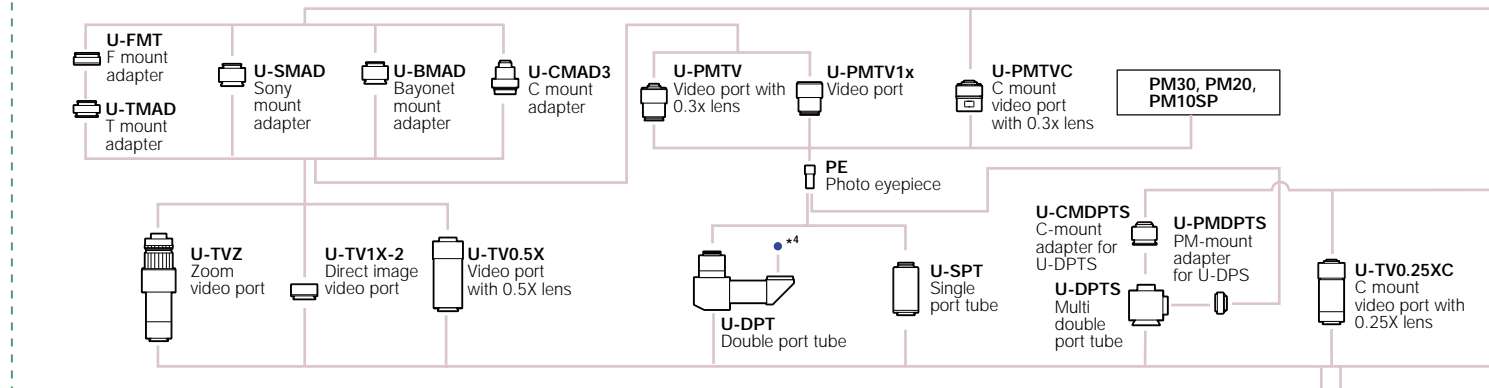


BX45/BX45A SYSTEM DIAGRAM



*1 Attached to BX45TF and BX45ATF *2 U-ECA, U-ECA1.6x and U-CA cannot be combined. Slight vignetting may occur in the periphery of the field of view in combination with the other intermediate attachments.
 *3 Slight vignetting may occur in the periphery of the field of view in combination with U-TR30-2 and U-BI30-2. *4 Stand is a standard equipment of the U-MDOSV. *5 Cannot be used with the rotatable stages and BX45ATF combination.
 *6 Slight vignetting may occur in the periphery of the field of view with phase contrast observation or stop down the aperture.

TR-Adapter



^{*1} Slight vignetting may occur in the periphery of the field of view in combination with an additional intermediate attachment. Spot flare may be seen with phase contrast observation.
^{*2} Slight vignetting may occur in the periphery of the field of view in combination with fluorescence illuminator.
^{*3} Stand is a standard equipment of the U-MDOSV and U-MDO10R3.
^{*4} Dedicated port for TV cameras.
^{*5} 10x eyepieces incorporated. F.N. 18

**MICROSCOPE
DIGITAL CAMERAS,
ANALOG CAMERAS**

U-ECA
Magnification changer 2X

U-ECA1.6X
Magnification changer 1.6X

U-ANT
Analyzer for
transmitted light

U-KPA
Intermediate attachment for
simple polarizing observation

U-CA
Magnification changer

U-DP⁺²
Dual port

U-DP1XC
Dual port 1X

U-APT
Arrow pointer

U-EPA2
Eyepoint adjuster

U-TRU⁺²
Trinocular intermediate
attachment

U-TRUS⁺²
Trinocular intermediate
attachment

U-CPA
Intermediate
attachment for
conoscopic and
orthoscopic
observation

U-AN360P-2
Rotatable
analyzer

U-OPA
Intermediate attachment for
orthoscopic observation

U-DAL10X
Drawing attachment 10X

U-DA
Drawing attachment

U-DO3
Dual observation
attachment

U-SDO3
Side by side observation
attachment

U-MDOB3
Multi observation
body

U-MDOSV⁺³
Multi observation
side viewer

U-MDO10B3
Multi observation body
for 10 persons

U-MDO10R3⁺³
Multi observation body for 10 persons

BX-URA2
BX reflected light illuminator

U-RSL6
6 position filter slider

Slider adaptor

U-RSL6EM
6 position filter slider

U-AN
Analyzer for reflected light

**U-25ND6-2, U-25ND25-2,
U-25ND50-2**
ND filter

U-EXBABG
Excitation balancer BG
U-EXBAUB
Excitation balancer UB
U-EXBAUG
Excitation balancer UG

U-DULHA
Double
lamp house
adaptor

U-RFSS
Rectangular field stop

BX-RFA
BX fluorescence
illuminator

BX-RFSPOT
Pinhole field stop
module

U-AC2
Abbe
condenser

U-SC3
Swing-out
condenser

U-AAC
Achromatic/
Aplanatic
condenser

U-ULC-2
Ultra low
condenser

U-PCD2
Phase/darkfield
condenser

U-POC-2
Polarizing
condenser

U-DCD
Darkfield
condenser,
dry

U-DCW
Darkfield
condenser,
oil

U-UCDTP530
Tint plate for
sensitive color
observation

Optical devices

U-UCD8
8 position
universal
condenser

U-TLO
Oil top lens

U-TLD
Dry top lens

U-LH75XEAP0
75W xenon apo
lamp housing

Power source for
75W xenon lamp

U-LH100HGAP0
100W mercury apo
lamp housing

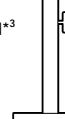
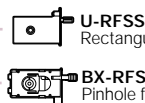
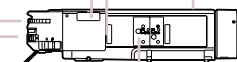
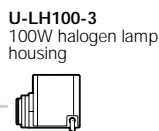
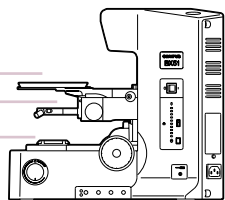
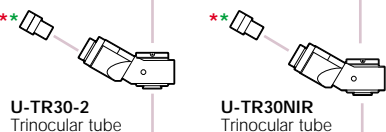
Power source for
100W mercury
lamp

U-LH100HG
100W mercury
lamp housing

U-LH50MH
50W metal halide
lamp housing

U-PS50MH
Power source for
50W metal
halide lamp

Stand⁺³





Specifications are subject to change without any obligation on the part of the manufacturer.

OLYMPUS[®]

www.olympus.com

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