

MEDILUX-12 Series

UNILUX-12 Series

MEDILUX-12 Series

MEDILUX-12 83-483D · 83-493D / 82-483D · 82-493D

The Kyowa Medilux-12 Microscope brings superior research-level optics and Kyowa system flexibility to critical laboratory and classroom microscopy. With high-resolution TC optics, rugged construction, and built-in safety features, the Medilux-12 is designed to give years of professional performance and reliability for a low initial investment.



Model 83-483D



Model 82-483D

Specification

Model	Trinocular 83-483D	Binocular 82-483D	Trinocular 83-493D	Binocular 82-493D
Body	Medilux-12 Main Body, Large Quintuple Revolver (Fixed), Day Light Filter (Dia. 45mm)			
Focus	Vertical Move Stage, Coaxial Fine Course Knob (Coarse stroke 21mm), Tension Control			
Illuminator	Koehler Illuminator, Illuminator Built-in Type, Halogen Lamp 6V 20W(2), Light Intensity Adjustment, Field Diaphragm			
Tube	Inclined 45°, Rotatable & Removable, Diopter Adjustment (54-74mm), Both Eyepiece Focusing, ※ Binocular (100%), ※ Trinocular Light Path Select (Binocular 100, Binocular 20 : Vertical tube 80) with Vertical Photo Tube accessorized			
Stage	Coaxial Large Type Mechanical Stage (Knob at Right Side), Moving Range (40mm x 75mm), Slide Holder Removable			
Eyepiece	WH10× (Field Number 18)			
Eyepiece for Photo	PH2.5×/TC (Option)	—	PH2.5×/TC (Option)	—
Objective Lens	A4×, A10×, A40×, A100×(Oil)		PL4×, PL10×, PL40×, PL100×(Oil)	
Condenser	Abbe Condenser N.A. 1.3, Iris Diaphragm, Rack & Pinion Vertical Movement			
Outer Size	Binocular Body : 205 (W) × 295 (D) × 430 (H) mm Trinocular Body : 205 (W) × 295 (D) × 395 (H) mm			
Weight	7.8 kg	7.5 kg	7.7 kg	7.4 kg
Total Magnification	40× - 1000×			

UNILUX-12 Series (Halogen)

UNILUX-12 83-298D · 83-288D / 82-298D · 82-288D

The Kyowa Unilux-12 provides the performance and versatility in classroom and laboratory microscopy at an extremely affordable price. The Unilux-12 is identical to the Medilux-12, offering the same superb optical quality.



Model 83-288D



Model 82-288D

Specification

Model	Trinocular 83-288D	Binocular 82-288D	Trinocular 83-298D	Binocular 82-298D
Body	Unilux-12 Main Body, Quadruple Revolver (Fixed)			
Focus	Vertical Move Stage, Coaxial Fine Course Knob (Coarse stroke 21mm), Tension Control			
Illuminator	Illuminator Built-in Type, Halogen Lamp 6V 20W(2), Light Intensity Adjustment			
Tube	Inclined 45°, Rotatable & Removable, Diopter Adjustment (54-74mm), Both Eyepiece Focusing, ※ Binocular (100%), ※ Trinocular Light Path Select (Binocular 100, Binocular 20 : Vertical tube 80) Vertical Photo Tube accessorized			
Stage	Coaxial Large Type Mechanical Stage (Knob at Right Side), Moving Range (40mm x 75mm), Slide Holder Removable			
Eyepiece	WH10× (Field Number 18)			
Eyepiece for Photo	PH2.5×/TC (Option)	—	PH2.5×/TC (Option)	—
Objective Lens	A4×, A10×, A40×, A100×(Oil)		PL4×, PL10×, PL40×, PL100×(Oil)	
Condenser	Abbe Condenser N.A. 1.25, Iris Diaphragm, Rack & Pinion Vertical Movement with Daylight Filter Dia.32.8mm			
Outer Size	Binocular Body : 190 (W) × 285 (D) × 418 (H) mm Trinocular Body : 190 (W) × 285 (D) × 380 (H) mm			
Weight	6.9 kg	6.7 kg	6.8 kg	6.6 kg
Total Magnification	40× - 1000×		40× - 400×	

UNILUX-12 Series (Tungsten)

UNILUX-12 81-295D · 81-285D / 82-295D · 82-285D



Model 81-285D

Specification

Model	Monocular	Binocular	Monocular	Binocular
	81-285D	82-285D	81-295D	82-295D
Body	Unilux-12 Main Body, Quadruple Revolver (Fixed)			
Focus	Vertical Move Stage, Coaxial Fine Course Knob (Coarse stroke 21mm), Tension Control			
Illuminator	Illuminator Built-in Type, Tungsten Lamp 120V/220V 30W(3), Light Intensity Adjustment			
Tube	※ Monocular : Inclined 45° , Rotatable & Removable ※ Binocular : Inclined 45° , Rotatable & Removable, Diopter Adjustment (54 - 74mm), Both Eyepiece Focusing			
Stage	Coaxial Large Type Mechanical Stage (Knob at Right Side), Moving Range (40mm x 75mm), Slide Holder Removable			
Eyepiece	WH10× (Field Number 18)			
Objective Lens	A4×, A10×, A40×, A100×(Oil)		PL4×, PL10×, PL40×, PL100×(Oil)	
Condenser	Abbe Condenser N.A. 1.25, Iris Diaphragm, Rack & Pinion Vertical Movement with Daylight Filter Dia.32.8mm			
Outer Size	Monocular Body : 190 (W) × 285 (D) × 386 (H) mm Binocular Body : 190 (W) × 285 (D) × 380 (H) mm			
Weight	5.6 kg	6.1 kg	5.5 kg	6.0 kg
Total Magnification	40× - 1000×		40× - 400×	

Accessories

SPH-TC Simple Phase Contrast Attachment



The double slider unit adapted to the condenser system which enables brightfield, darkground and phase contrast observation by a simple change-over procedure. This simple, low cost attachments of standard phase objective TC-DM10X, 40X and 100X, individual phase annuli and darkground. There is choice of five types of Simple Phase Contrast Attachments.

DC Dark Field Condenser

The immersion type cardioids condenser is for observation of extremely unstrained objects or small particles. Use of achromatic objective TC-A100X with iris diaphragm (OI-100) is recommended.



C-mount



Attachable on trinocular head to be replaced With vertical photo tube as TV camera adapter.

Wooden Case

Optional wooden carrying case is available for safe storage or transport of microscope. External dimensions: 230(W) x 280(D) x 475(H) mm + 20 mm (Length of rubber legs and handle)

