02 33943004/01112221096/01011811884/01223415321

Rev.07



: Model B-383LD1

Typology:

EN

ROUTINE MICROSCOPE

Description:

Educational and laboratory microscope for routine applications. Dye-cast frame, with high stability and ergonomy, for transmitted light and fluorescence reflected light observation.

Illumination	Transmitted light: Light source type X-LED³ with manual brightness control. Epi-fluorescence: High-power blue LED with manual brightness control.
Observation modes	LED average lifetime: 50000h. Brightfield, Fluorescence B
Observation modes	Fluorescence B: EX 460-490, DM 505, EM 515LP
Filter Set	1 position fluorescence filter holder: Excitation B: Acridine Yellow, Acridine Orange, Auramine, DiO, DTAF, FITC, GFP, YFP, ecc.
Focusing	Coaxial coarse and fine focusing mechanism (graduated, 0.002mm) with upper stop, to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob.
Stage	Double layer mechanical sliding stage, dimensions 188x150mm, moving range 78x54mm. Belt-drive in X direction. Vernier scale on the two axes, accuracy 0,1 mm.
Nosepiece	Quintuple revolving nosepiece, rotation on ball bearings.
Head	Trinocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on both eyepieces. Interpupillary adjustment 48-75 mm. Fixed photo port, 50/50 ratio.
Eyepieces	Widefield eyepieces WF10X/20 with field number 20.
Objectives	E-PLAN objectives IOS (infinity corrected), made by: -) E-PLAN IOS 4X, N.A. 0.10, W.D. 16.8 mm -) E-PLAN IOS 10X, N.A. 0.25, W.D. 5.8 mm -) E-PLAN IOS 20x, N.A. 0,40, W.D. 1,4 mm -) E-PLAN IOS 40X, N.A. 0.65, W.D. 0.43 mm -) E-PLAN IOS 100X, N.A. 1.25, W.D. 0.13 mm (oil immersion) All objectives are treated with an anti-fungus treatment.
Condenser	Abbe condenser, N.A. 1,25 with centering system.
Dimensions	HEIGHT: 480 mm (without attachment) / 592 mm (with attachment) WIDTH: 210 mm DEPTH: 370 mm WEIGHT: 5 kg
Accessories	Instruction manual and dust cover included.

Rev.06

02 33943004/01112221096/01011811884/01223415321

: Model

B-383LD2

Typology:

ROUTINE MICROSCOPE

Description:

Educational and laboratory microscope for routine applications. Dye-cast frame, with high stability and ergonomy, for transmitted light and fluorescence reflected light observation.

OF TWO	
Illumination	Transmitted li

Illumination	Transmitted light: Light source type X-LED³ with manual brightness control.
	Epi-fluorescence: High-power white LED with manual brightness control.
	LED average lifetime: 50000h.
Observation modes	Brightfield, Fluorescence Fluorescence B: EX 460-490, DM 505, EM 515LP Fluorescence G: EX 510-550, DM 570, EM 590LP
Filter Set	2 positions fluorescence filter holder: Excitation B: Acridine Yellow, Acridine Orange, Auramine, DiO, DTAF, FITC, GFP, YFP, ecc. Excitation G: DiL; Blu Evans, Feulgen, Rhodamine, Texas Red, TRITC, PI, etc.
Focusing	Coaxial coarse and fine focusing mechanism (graduated, 0.002mm) with upper stop, to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob.
Stage	Double layer mechanical sliding stage, dimensions 188x150mm, moving range 78x54mm. Belt-drive in X direction. Vernier scale on the two axes, accuracy 0,1 mm.
Nosepiece	Quintuple revolving nosepiece, rotation on ball bearings.
Head	Trinocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on both eyepieces. Interpupillary adjustment 48-75 mm. Fixed photo port, 50/50 ratio.
Eyepieces	Widefield eyepieces WF10X/20 with field number 20.
Objectives	E-PLAN objectives IOS (infinity corrected), made by: -) E-PLAN IOS 4X, A.N. 0.10, W.D. 16,8 mm -) E-PLAN IOS 10X, A.N. 0.25, W.D. 5,8 mm -) E-PLAN IOS 20x, A.N., 0,40, W.D. 1,4 mm -) E-PLAN IOS 40X, A.N. 0.65, W.D. 0,43 mm -) E-PLAN IOS 100X, N.A. 1.25, W.D. 0.13 mm (oil immersion) All objectives are treated with an anti-fungus treatment.
Condenser	Abbe condenser, N.A. 1,25 with centering system.
Dimensions	HEIGHT: 480 mm (without attachment) / 592 mm (with attachment) WIDTH: 210 mm DEPTH: 370 mm WEIGHT: 5 kg
Accessories	Instruction manual and dust cover included.

Illumination

Rev.04

02 33943004/01112221096/01011811884/01223415321

: Model

B-383FL

Typology:

ROUTINE MICROSCOPE

Description:

Educational and laboratory microscope for routine applications. Dye-cast frame, with high stability and ergonomy, for transmitted light and fluorescence reflected light observation.

Transmitted light:

Accessories	Instruction manual and dust cover included.
Dimensions	HEIGHT: 480 mm (without attachment) / 592 mm (with attachment) WIDTH: 210 mm DEPTH: 370 mm WEIGHT: 6 kg
Condenser	Abbe condenser, N.A. 1,25 with centering system.
	-) E-Plan IOS 20x, N.A. 0,40, W.D. 1,4 mm -) E-Plan IOS 40X, N.A. 0.65, W.D. 0.43 mm -) E-Plan IOS 100X, N.A. 1.25, W.D. 0.13 mm (oil immersion) All objectives are treated with an anti-fungus treatment.
Objectives	E-PLAN objectives IOS (infinity corrected), made by: -) E-Plan IOS 4X, N.A. 0.10, W.D. 16.8 mm -) E-Plan IOS 10X, N.A. 0.25, W.D. 5.8 mm -) E-Plan IOS 20x, N.A. 0,40, W.D. 1,4 mm
Eyepieces	Widefield eyepieces WF10X/20 with field number 20.
Head	Trinocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on both eyepieces. Interpupillary adjustment 48-75 mm. Fixed photo port, 50/50 ratio.
Nosepiece	Quintuple revolving nosepiece, rotation on ball bearings.
Stage	Double layer mechanical sliding stage, dimensions 188x150mm, moving range 78x54mm. Belt-drive in X direction. Vernier scale on the two axes, accuracy 0,1 mm.
Focusing	Coaxial coarse and fine focusing mechanism (graduated, 0.002mm) with upper stop, to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob.
	Excitation B: Acridine Yellow, Acridine Orange, Auramine, DiO, DTAF, FITC, GFP, YFP, ecc. Excitation G: DiL; Blu Evans, Feulgen, Rhodamine, Texas Red, TRITC, PI, etc.
Fluorochromes	2 positions fluorescence filter holder:
Observation modes	Brightfield, Fluorescence Fluorescence B: EX 460-490, DM 505, EM 515LP Fluorescence G: EX 510-550, DM 570, EM 590LP
	Epi-fluorescence: HBO 100W high pressure mercury bulb. Bulb average lifetime: approx. 400h. Input voltage: 100/240Vac, 50/60Hz Max. required power: 130W
	Light source type X-LED³ with manual brightness control. LED power: 3.6W, comparable to a 50W halogen bulb. Color temperature: 6300K LED average lifetime: 50000h. Power supply: Input 110/240Vac, 50/60Hz; Output 6Vdc 1A Max. required power: 6W



Model:

B-500TiFL

Typology:

RESEARCH MICROSCOPE

Description:

Laboratory microscope for research applications.

Dye-cast frame, with high stability and ergonomy, for transmitted light and reflected fluorescence observation.

Transmitted Light: Light source type X-LED with white LED; light intensity control using a knob on left side of the frame. LED power 3.6W, comparable to an halogen bulb 50W. Color temperature: 6300K LED average lifetime approx: 50.000h, The light exit can be used as a filter holder for additional filters (blue, yellow, frosted). Voltage: 110/230Vac, 50/60Hz, 0.4/0.8A; Fuse: T3.15A 250V Refected Light: Mercury burner 100W HBO, light controlled by an external power supply. Bulb average lifetime approx: 300 hours. Voltage: 100/240Vac, 50/60Hz, Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Fuse: T3.15A 250V Max power required: 130W Part 100/240Vac, 50/60Hz Part 100/240V		
Fluorescence B: EX 450-490, DM 495, EM 500-550; Fluorescence G: EX 540-580, DM 585, EM 607-683; Fluorescence UV (optional): EX: 325-375, DM 416, EM 435LP; Fluorescence V (optional): EX: 325-375, DM 416, EM 450LP; Fluorescence V (optional): EX: 390-420, DM 440, EM 450LP. Filter Set 4 positions fluorescence filter holder: Excitation B: Acridine Yellow, Acridine Orange, Auramine, DiO, DTAF, FITC, GFP, YFP, ecc. Excitation G: DII.; Blu Evans, Feulgen, Rhodamine, Texas Red, TRITC, PI, ecc. Excitation UV (optional): AMCA, AutoFluorescence, BAO, BFP, Blu Cascade, DANS, DAPI, Hoechst, Indo-1, SITA, ecc. Excitation V (optional): ANS, Fluorescamine, Catecholamine, ecc. Focusing Coaxial coarse and fine focusing mechanism (graduated, 0.002mm) with upper stop, to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob. Stage Double layer with mechanical sliding stage, size 175x145mm, X-Y movement range 76x52, specimen holder for Vernier scale on the two axes, accuracy 0,1 mm. Nosepiece Quintuple revolving nosepiece, rotation on ball bearings. Head Trinocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece sleeve. Interpupillary adjustment 55-75 mm. Objectives Infinity corrected optical system IOS (Infinity Optical System). Plan-achromatic IOS FLUO objectives: -) Plan-achromatic IOS 4X, A.N. 0.13, W.D. 4,7 mm -) Plan-achromatic IOS 4X, A.N. 0.13, W.D. 4,7 mm -) Plan-achromatic IOS 4X, A.N. 0.13, W.D. 4,7 mm -) Plan-achromatic IOS 4X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 20X, A.N. 0.75, W.D. 0,50 mm All objectives are treated with an anti-fungus treatment. Expenses Wide field eyepieces WF10X/22 with field number 22. Dimensions Wide field eyepieces WF10X/22 with field	Illumination	Light source type X-LED with white LED; light intensity control using a knob on left side of the frame. LED power 3.6W, comparable to an halogen bulb 50W. Color temperature: 6300K LED average lifetime approx.: 50.000h. The light exit can be used as a filter holder for additional filters (blue, yellow, frosted). Voltage: 110/230Vac, 50/60Hz, 0.4/0.8A; Fuse: T3.15A 250V Max power required: 7W Reflected Light: Mercury burner 100W HBO, light controlled by an external power supply. Bulb average lifetime approx.: 300 hours. Voltage: 100/240Vac, 50/60Hz Fuse: T3.15A 250V
Excitation B: Acridine Yellow, Acridine Orange, Auramine, DiO, DTAF, FITC, GFP, YFP, ecc. Excitation G: DiI; Biu Evans, Feulgen, Rhodamine, Texas Red, TRITC, PI, ecc. Excitation UV (optional): AMCA, AutoFluorescence, BAO, BFP, Blu Cascade, DANS, DAPI, Hoechst, Indo-1, SITA, ecc. Excitation V (optional): ANS, Fluorescamine, Catecholamine, ecc. Focusing Coaxial coarse and fine focusing mechanism (graduated, 0.002mm) with upper stop, to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob. Stage Double layer with mechanical sliding stage, size 175x145mm, X-Y movement range 76x52, specimen holder for two slides. Vernier scale on the two axes, accuracy 0,1 mm. Nosepiece Quintuple revolving nosepiece, rotation on ball bearings. Trinocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece sleeve. Interpupillary adjustment 65-75 mm. Objectives Infinity corrected optical system IOS (Infinity Optical System). Plan-a-chromatic IOS 40X, A.N. 0.13, W.D. 4,7 mm) Plan-a-chromatic IOS 40X, A.N. 0.13, W.D. 4,1 mm) Plan-a-chromatic IOS 40X, A.N. 0.50, W.D. 1,45 mm) Plan-a-chromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm) Plan-a-chromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm) Plan-a-chromatic IOS 40X, A.N. 0.50, W.D. 1,45 mm) Plan-a-chromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm) Plan-a-chromatic IOS 40X, A.N. 0.50, W.D. 1,45 mm HEIGHT: 480 mm (with attachment) / 435 mm (without attachment) WIDHT: 245 mm DEPTH: 380 mm WEIGHT: 9 kg	Observation Modes	Fluorescence B: EX 450-490, DM 495, EM 500-550; Fluorescence G: EX 540-580, DM 585, EM 607-683; Fluorescence UV (optional): EX: 325-375, DM 415, EM 435LP;
Acridine Yellow, Acridine Orange, Auramine, DiO, DTAF, FITC, GFP, YFP, ecc. Excitation G: DiL; Blu Evans, Feulgen, Rhodamine, Texas Red, TRITC, PI, ecc. Excitation V(potional); ANCA, AutoFluorescence, BAO, BFP, Blu Cascade, DANS, DAPI, Hoechst, Indo-1, SITA, ecc. Excitation V(potional); ANS, Fluorescamine, Catecholamine, ecc. Focusing Coaxial coarse and fine focusing mechanism (graduated, 0.002mm) with upper stop, to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob. Stage Double layer with mechanical sliding stage, size 175x145mm, X-Y movement range 76x52, specimen holder for two slides. Vernier scale on the two axes, accuracy 0,1 mm. Nosepiece Quintuple revolving nosepiece, rotation on ball bearings. Trinocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece sleeve. Interpubliary adjustment 65-75 mm. Objectives Infinity corrected optical system IOS (Infinity Optical System). Plan-achromatic IOS ELUO objectives: -) Plan-achromatic IOS 4X, A.N. 0.13, W.D. 4,7 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,15 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,15 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,15 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,15 mm -) Plan-achromatic IOS 40X, A.N. 0.50, W.D. 1,15 mm -) Plan-achromatic IOS 40X, A.N. 0.90, with centering system. Eyepieces Wide field eyepieces WF10X/22 with field number 22. Dimensions Wide field eyepieces WF10X/22 with field number 22. Dimensions WellGHT: 480 mm (with attachment) / 435 mm (without attachment) WEIGHT: 9 kg	Filter Set	4 positions fluorescence filter holder:
between objective and specimen. Adjustable tension of coarse focusing knob. Double layer with mechanical sliding stage, size 175x145mm, X-Y movement range 76x52, specimen holder for two slides. Vernier scale on the two axes, accuracy 0,1 mm. Nosepiece Quintuple revolving nosepiece, rotation on ball bearings. Trinocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece sleeve. Interpupillary adjustment 55-75 mm. Infinity corrected optical system IOS (Infinity Optical System). Plan-achromatic IOS FLUO objectives: -) Plan-achromatic IOS FLUO objectives: -) Plan-achromatic IOS 4X, A.N. 0.13, W.D. 4,7 mm -) Plan-achromatic IOS 10X, A.N. 0.30, W.D. 4,1 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 40X, A.N. 0.75, W.D. 0,50 mm All objectives are treated with an anti-fungus treatment. Condenser Swing-out type, A.N. 0.90 with centering system. Eyepieces Wide field eyepieces WF10X/22 with field number 22. Dimensions HEIGHT: 480 mm (with attachment) / 435 mm (without attachment) WIDHT: 245 mm DEPTH: 380 mm WEIGHT: 9 kg		Acridine Yellow, Acridine Orange, Auramine, DiO, DTAF, FITC, GFP, YFP, ecc. Excitation G: DiL; Blu Evans, Feulgen, Rhodamine, Texas Red, TRITC, PI, ecc. Excitation UV (optional): AMCA, AutoFluorescence, BAO, BFP, Blu Cascade, DANS, DAPI, Hoechst, Indo-1, SITA, ecc. Excitation V (optional):
two slides. Vernier scale on the two axes, accuracy 0,1 mm. Quintuple revolving nosepiece, rotation on ball bearings. Trinocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece sleeve. Interpupillary adjustment 55-75 mm. Objectives Infinity corrected optical system IOS (Infinity Optical System). Plan-achromatic IOS FLUO objectives: -) Plan-achromatic IOS 4X, A.N. 0.13, W.D. 4,7 mm -) Plan-achromatic IOS 10X, A.N. 0.30, W.D. 4,1 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 0,50 mm All objectives are treated with an anti-fungus treatment. Condenser Swing-out type, A.N. 0.90 with centering system. Eyepieces Wide field eyepieces WF10X/22 with field number 22. Dimensions HEIGHT: 480 mm (with attachment) / 435 mm (without attachment) WIDHT: 245 mm DEPTH: 380 mm WEIGHT: 9 kg	Focusing	between objective and specimen.
Trinocular observation head, inclined 30° and rotatable 360°. Diopter adjustment on left eyepiece sleeve. Interpupillary adjustment 55-75 mm. Infinity corrected optical system IOS (Infinity Optical System). Plan-achromatic IOS FLUO objectives: -) Plan-achromatic IOS 4X, A.N. 0.13, W.D. 4,7 mm -) Plan-achromatic IOS 4X, A.N. 0.30, W.D. 4,1 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 40X, A.N. 0.75, W.D. 0,50 mm All objectives are treated with an anti-fungus treatment. Condenser Swing-out type, A.N. 0.90 with centering system. Eyepieces Wide field eyepieces WF10X/22 with field number 22. Dimensions HEIGHT: 480 mm (with attachment) / 435 mm (without attachment) WIDHT: 245 mm DEPTH: 380 mm WEIGHT: 9 kg	Stage	two slides.
Diopter adjustment on left eyepiece sleeve. Interpupillary adjustment 55-75 mm. Infinity corrected optical system IOS (Infinity Optical System). Plan-achromatic IOS FLUO objectives: -) Plan-achromatic IOS 4X, A.N. 0.13, W.D. 4,7 mm -) Plan-achromatic IOS 10X, A.N. 0.30, W.D. 4,1 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 40X, A.N. 0.75, W.D. 0,50 mm All objectives are treated with an anti-fungus treatment. Condenser Swing-out type, A.N. 0.90 with centering system. Eyepieces Wide field eyepieces WF10X/22 with field number 22. Dimensions HEIGHT: 480 mm (with attachment) / 435 mm (without attachment) WIDHT: 245 mm DEPTH: 380 mm WEIGHT: 9 kg	Nosepiece	Quintuple revolving nosepiece, rotation on ball bearings.
Plan-achromatic IOS FLUO objectives: -) Plan-achromatic IOS 4X, A.N. 0.13, W.D. 4,7 mm -) Plan-achromatic IOS 10X, A.N. 0.30, W.D. 4,1 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 40X, A.N. 0.75, W.D. 0,50 mm -) Plan-achromatic IOS 40X, A.N. 0.75, W.D. 0,50 mm -) Plan-achromatic IOS 40X, A.N. 0.75, W.D. 0,50 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.30, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.30, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,5 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,5 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 4,1 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 10X, A.N. 0.50, W.D. 1,45 mm -)	Head	Diopter adjustment on left eyepiece sleeve.
Eyepieces Wide field eyepieces WF10X/22 with field number 22. Dimensions HEIGHT: 480 mm (with attachment) / 435 mm (without attachment) WIDHT: 245 mm DEPTH: 380 mm WEIGHT: 9 kg	Objectives	Plan-achromatic IOS FLUO objectives: -) Plan-achromatic IOS 4X, A.N. 0.13, W.D. 4,7 mm -) Plan-achromatic IOS 10X, A.N. 0.30, W.D. 4,1 mm -) Plan-achromatic IOS 20X, A.N. 0.50, W.D. 1,45 mm -) Plan-achromatic IOS 40X, A.N. 0.75, W.D. 0,50 mm
Dimensions HEIGHT: 480 mm (with attachment) / 435 mm (without attachment) WIDHT: 245 mm DEPTH: 380 mm WEIGHT: 9 kg	Condenser	Swing-out type, A.N. 0.90 with centering system.
WIDHT: 245 mm DEPTH: 380 mm WEIGHT: 9 kg	Eyepieces	Wide field eyepieces WF10X/22 with field number 22.
Accessories Instruction manual and dust cover included	Dimensions	WIDHT: 245 mm DEPTH: 380 mm
	Accessories	Instruction manual and dust cover included

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