



Leica M125, M165 C & M205 C

Stereomicroscopes Technical Information

Technical Data

Performance Characteristics



	Leica M125	Leica M165 C	Leica M205 C
Optical data	12.5:1 manual	16.5:1 manual	20.5:1 manual with FusionOptics™
Zoom			
Data with standard optics (1×objective/10× eyepieces) – Zoom range – Resolution – Working distance – Object field	8×–100× max. 432 lp/mm 61.5 mm (planapochromat) Ø 28.8 mm–2.3 mm	7.3×–120× max. 453 lp/mm 61.5 mm (planapochromat) Ø 31.5 mm–1.92 mm	7.8×–160× max. 525 lp/mm 61.5 mm (planapochromat) Ø 29.5 mm–1.44 mm
Maximum values (based on optics combination) – Magnification – Resolution – Visible structural width – Numerical aperture – Object field	800× 864 lp/mm 579 nm 0.288 Ø 68 mm	960× 906 lp/mm 551 nm 0.302 Ø 63 mm	1280× 1050 lp/mm 476 nm 0.35 Ø 59 mm
Working distances	135 mm (0.5× planachromat) 112 mm (0.8× planachromat) 67 mm (0.63× planapochromat) 61.5 mm (1× planapochromat) 30.5 mm (1.6× planapochromat) 20.1 mm (2× planapochromat)	135 mm (0.5× planachromat) 112 mm (0.8× planachromat) 67 mm (0.63× planapochromat) 61.5 mm (1× planapochromat) 30.5 mm (1.6× planapochromat) 20.1 mm (2× planapochromat)	135 mm (0.5× planachromat) 112 mm (0.8× planachromat) 67 mm (0.63× planapochromat) 61.5 mm (1× planapochromat) 30.5 mm (1.6× planapochromat) 20.1 mm (2× planapochromat)
Optics carrier			
100% apochromatic optical system	CMO (Common Main Objective) lead-free	CMO (Common Main Objective) lead-free	CMO (Common Main Objective) lead-free
Encoded function	–	Zoom, iris diaphragm, objective nosepiece	Zoom, iris diaphragm, objective nosepiece
Specific surface resistivity (housing)	2×10 ¹¹ Ω/mm ² discharge time <2 seconds from 1000V to 100V	2×10 ¹¹ Ω/mm ² discharge time <2 seconds from 1000V to 100V	2×10 ¹¹ Ω/mm ² discharge time <2 seconds from 1000V to 100V
Engageable zoom notches	10 for repetitive tasks	13 for repetitive tasks	14 for repetitive tasks
Double-iris diaphragm for depth of field control	Built-in	Built-in and encoded	Built-in and encoded

	Leica M125	Leica M165 C	Leica M205 C
Accessories			
Standard objective (parfocal in the objective nosepiece)	1× planapochromat		
Additional objectives (parfocal in the objective nosepiece)	2× planapochromat, 1.6× planapochromat, 0.63× planapochromat,		
Objective nosepiece, parfocal 0.63× – 2× planapochromat, encoded	Quick change of magnification 5.12×–200×, parfocal	Quick change of magnification 4.67×–240×, parfocal	Quick change of magnification 4.99×–320×, parfocal
Binocular tubes, ergonomics	– Apochr. binocular and trinocular tubes with synchronized interpupillary distance adjustment – Various ErgoModules™ (optional)		
Interpupillary distance	50 mm – 105 mm with the new ErgoTrinoc		
Wide-field eyepieces for persons wearing glasses	10×, 16×, 25×, 40×, with replaceable eyecups & click stop		
Manual coarse/fine focus	Focusing range 130 mm, adjustable ease of movement		
Microscope carrier AX for stereo or vertical observation	For convergence-free imaging without lateral shift of the specimen		
PC interface	–	USB	USB

Module System

	Leica M125, M165 C and M205 C
	Stands, illuminators
Transmitted light stands	For bright field and bright/dark field, high-performance base: Bright field, single-sided dark field, with Rottermann Contrast and CCIC
Incident light stand	Large incident light base with black/white stage plate and Antishock™ feet
Stages	Gliding stage, MATS heating stage, cup stage, rotatable polarization stage, Leica IsoPro™ mechanical stage (manual and motorized)
Illuminators	LED5000 MCI™ and LED5000 RL, fluorescence, oblique, coaxial, cold light sources
	Misc. accessories
Photography, video	Leica DFC digital image capture system, various camera variants, Leica IC D Leica IC A video module Various adapters for commercially available CCD cameras
Image archiving, image processing	Leica Application Suite (LAS), consisting of basic program and various auxiliary modules
Measurement graticules	For length measurements and counting
Vertical and oblique observation	45° side view around the complete object
Drawing tube	For both left and right-handed users
Discussion tube for training For two observers	For two observers

Leica M125 Optical Data

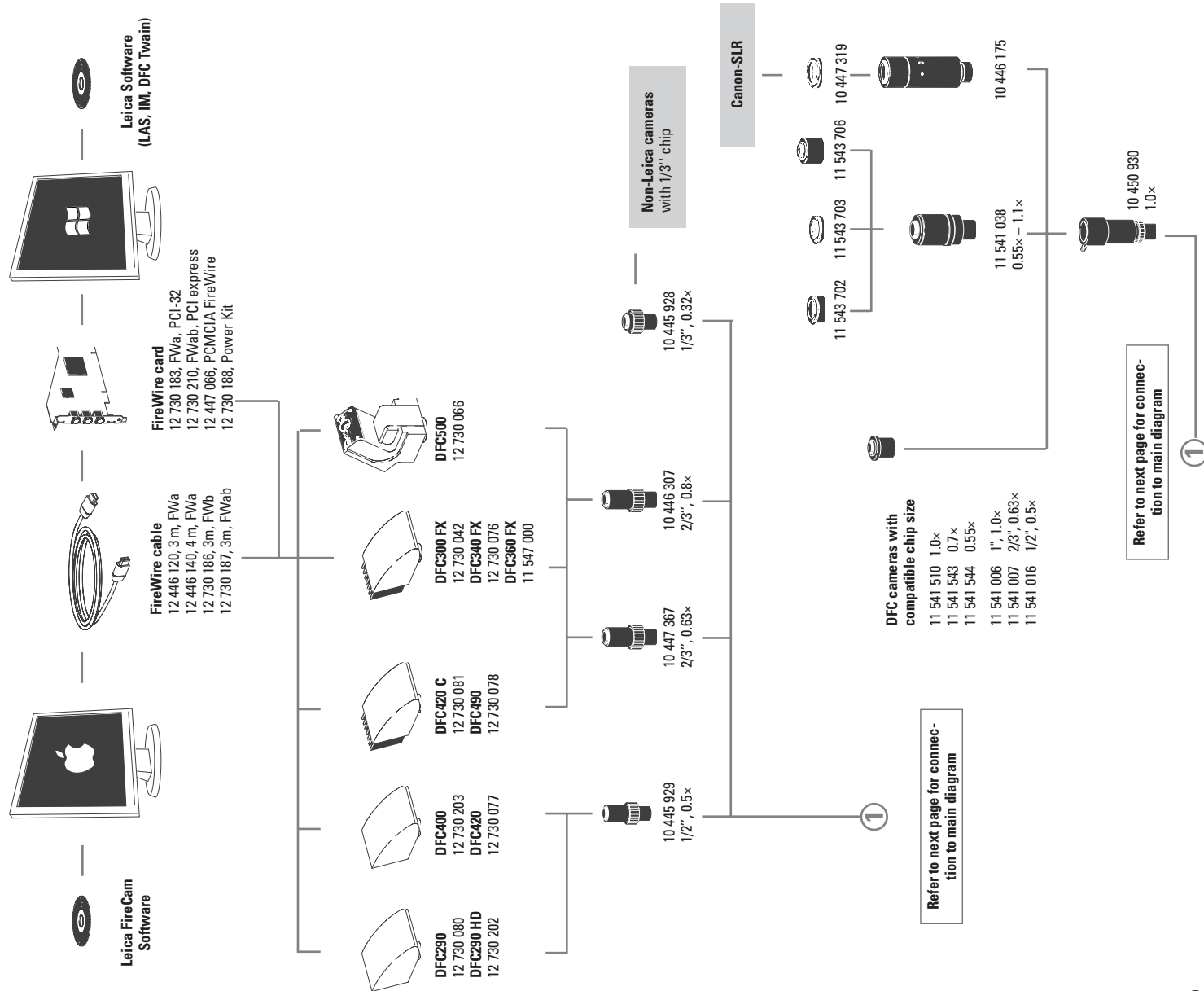
Objectives		0.5× planachromat		0.63× planapochromat		0.8× planachromat		1× planachromat	1× planapochromat	1.6× planapochromat		2× planapochromat	
Working distances		135 mm		97 mm	67 mm	112 mm		59 mm	61.5 mm	30.5 mm		20.1 mm	
Eyepieces	Zoom setting	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø
		×	mm	×	mm	×	mm	×	mm	×	mm	×	mm
10×/23B	0.8	4	57.5	5.12	44.9	6.4	35.9	8	28.8	12.8	18	16	14.4
	1	5	46	6.4	35.9	8	28.8	10	23	16	14.4	20	11.5
	1.25	6.25	36.8	8	28.8	10	23	12.5	18.4	20	11.5	25	9.2
	1.6	8	28.8	10.2	22.5	12.8	18	16	14.4	25.6	8.98	32	7.19
	2	10	23	12.8	18	16	14.4	20	11.5	32	7.19	40	5.75
	2.5	12.5	18.4	16	14.4	20	11.5	25	9.2	40	5.75	50	4.6
	3.2	16	14.4	20.5	11.2	25.6	8.98	32	7.19	51.2	4.49	64	3.59
	4	20	11.5	25.6	8.98	32	7.19	40	5.75	64	3.59	80	2.88
	5	25	9.2	32	7.19	40	5.75	50	4.6	80	2.88	100	2.3
	6.3	31.5	7.3	40.3	5.7	50.4	4.56	63	3.65	101	2.28	126	1.83
16×/15B	0.8	6.4	37.5	8.19	29.3	10.2	23.4	12.8	18.8	20.5	11.7	25.6	9.38
	1	8	30	10.2	23.4	12.8	18.8	16	15	25.6	9.38	32	7.5
	1.25	10	24	12.8	18.8	16	15	20	12	32	7.5	40	6
	1.6	12.8	18.8	16.4	14.6	20.5	11.7	25.6	9.38	41	5.86	51.2	4.69
	2	16	15	20.5	11.7	25.6	9.38	32	7.5	51.2	4.69	64	3.75
	2.5	20	12	25.6	9.38	32	7.5	40	6	64	3.75	80	3
	3.2	25.6	9.38	32.8	7.32	41	5.86	51.2	4.69	81.9	2.93	102	2.34
	4	32	7.5	41	5.86	51.2	4.69	64	3.75	102	2.34	128	1.88
	5	40	6	51.2	4.69	64	3.75	80	3	128	1.88	160	1.5
	6.3	50.4	4.76	64.5	3.72	80.6	2.98	101	2.38	161	1.49	202	1.19
25×/9.5B	0.8	10	25	12.8	19.5	16	15.6	20	12.5	32	7.81	40	6.25
	1	12.5	20	16	15.6	20	12.5	25	10	40	6.25	50	5
	1.25	15.6	16	20	12.5	25	10	31.3	8	50	5	62.5	4
	1.6	20	12.5	25.6	9.77	32	7.81	40	6.25	64	3.91	80	3.13
	2	25	10	32	7.81	40	6.25	50	5	80	3.13	100	2.5
	2.5	31.3	8	40	6.25	50	5	62.5	4	100	2.5	125	2
	3.2	40	6.25	51.2	4.88	64	3.91	80	3.13	128	1.95	160	1.56
	4	50	5	64	3.91	80	3.13	100	2.5	160	1.56	200	1.25
	5	62.5	4	80	3.13	100	2.5	125	2	200	1.25	250	1
	6.3	78.8	3.17	101	2.48	126	1.98	158	1.59	252	0.992	315	0.794
40×/6B	0.8	16	15	20.5	11.7	25.6	9.38	32	7.5	51.2	4.69	64	3.75
	1	20	12	25.6	9.38	32	7.5	40	6	64	3.75	80	3
	1.25	25	9.6	32	7.5	40	6	50	4.8	80	3	100	2.4
	1.6	32	7.5	41	5.86	51.2	4.69	64	3.75	102	2.34	128	1.88
	2	40	6	51.2	4.69	64	3.75	80	3	128	1.88	160	1.5
	2.5	50	4.8	64	3.75	80	3	100	2.4	160	1.5	200	1.2
	3.2	64	3.75	81.9	2.93	102	2.34	128	1.88	205	1.17	256	0.938
	4	80	3	102	2.34	128	1.88	160	1.5	256	0.938	320	0.75
	5	100	2.4	128	1.88	160	1.5	200	1.2	320	0.75	400	0.6
	6.3	126	1.9	161	1.49	202	1.19	252	0.952	403	0.595	504	0.476
	8	160	1.5	205	1.17	256	0.938	320	0.75	512	0.469	640	0.375
	10	200	1.2	256	0.938	320	0.75	400	0.6	640	0.375	800	0.3

Leica M165 C Optical Data

Objectives		0.5× planachromat		0.63× planapochromat		0.8× planachromat		1× planachromat	1× planapochromat	1.6× planapochromat		2× planapochromat	
Working distances		135 mm		97 mm	67 mm	112 mm		59 mm	61.5 mm	30.5 mm		20.1 mm	
Eyepieces	Zoom setting	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø
		×	mm	×	mm	×	mm	×	mm	×	mm	×	mm
10×/23B	0.73	3.65	63	4.67	49.2	5.84	39.4	7.3	31.5	11.7	19.7	14.6	15.8
	1	5	46	6.4	35.9	8	28.8	10	23	16	14.4	20	11.5
	1.6	8	28.8	10.2	22.5	12.8	18	16	14.4	25.6	8.98	32	7.19
	2	10	23	12.8	18	16	14.4	20	11.5	32	7.19	40	5.75
	2.5	12.5	18.4	16	14.4	20	11.5	25	9.2	40	5.75	50	4.6
	3.2	16	14.4	20.5	11.2	25.6	8.98	32	7.19	51.2	4.49	64	3.59
	4	20	11.5	25.6	8.98	32	7.19	40	5.75	64	3.59	80	2.88
	5	25	9.2	32	7.19	40	5.75	50	4.6	80	2.88	100	2.3
	6.3	31.5	7.3	40.3	5.7	50.4	4.56	63	3.65	101	2.28	126	1.83
	8	40	5.75	51.2	4.49	64	3.59	80	2.88	128	1.8	160	1.44
	10	50	4.6	64	3.59	80	2.88	100	2.3	160	1.44	200	1.15
	12	60	3.83	76.8	2.99	96	2.4	120	1.92	192	1.2	240	0.96
16×/15B	0.73	5.84	41.1	7.48	32.1	9.34	25.7	11.7	20.5	18.7	12.8	23.4	10.3
	1	8	30	10.2	23.4	12.8	18.8	16	15	25.6	9.38	32	7.5
	1.6	12.8	18.8	16.4	14.6	20.5	11.7	25.6	9.38	41	5.86	51.2	4.69
	2	16	15	20.5	11.7	25.6	9.38	32	7.5	51.2	4.69	64	3.75
	2.5	20	12	25.6	9.38	32	7.5	40	6	64	3.75	80	3
	3.2	25.6	9.38	32.8	7.32	41	5.86	51.2	4.69	81.9	2.93	102	2.34
	4	32	7.5	41	5.86	51.2	4.69	64	3.75	102	2.34	128	1.88
	5	40	6	51.2	4.69	64	3.75	80	3	128	1.88	160	1.5
	6.3	50.4	4.76	64.5	3.72	80.6	2.98	101	2.38	161	1.49	202	1.19
	8	64	3.75	81.9	2.93	102	2.34	128	1.88	205	1.17	256	0.94
	10	80	3	102	2.34	128	1.88	160	1.5	256	0.94	320	0.75
	12	96	2.5	123	1.95	154	1.56	192	1.25	307	0.78	384	0.63
25×/9.5B	0.73	9.13	27.4	11.7	21.4	14.6	17.1	18.3	13.7	29.2	8.56	36.5	6.85
	1	12.5	20	16	15.6	20	12.5	25	10	40	6.25	50	5
	1.6	20	12.5	25.6	9.77	32	7.81	40	6.25	64	3.91	80	3.13
	2	25	10	32	7.81	40	6.25	50	5	80	3.13	100	2.5
	2.5	31.3	8	40	6.25	50	5	62.5	4	100	2.5	125	2
	3.2	40	6.25	51.2	4.88	64	3.91	80	3.13	128	1.95	160	1.56
	4	50	5	64	3.91	80	3.13	100	2.5	160	1.56	200	1.25
	5	62.5	4	80	3.13	100	2.5	125	2	200	1.25	250	1
	6.3	78.8	3.17	101	2.48	126	1.98	158	1.59	252	0.99	315	0.79
	8	100	2.5	128	1.95	160	1.56	200	1.25	320	0.78	400	0.63
	10	125	2	160	1.56	200	1.25	250	1	400	0.63	500	0.5
	12	150	1.67	192	1.3	240	1.04	300	0.83	480	0.52	600	0.42
40×/6B	0.73	14.6	16.4	18.7	12.8	23.4	10.3	29.2	8.22	46.7	5.14	58.4	4.11
	1	20	12	25.6	9.38	32	7.5	40	6	64	3.75	80	3
	1.6	32	7.5	41	5.86	51.2	4.69	64	3.75	102	2.34	128	1.88
	2	40	6	51.2	4.69	64	3.75	80	3	128	1.88	160	1.5
	2.5	50	4.8	64	3.75	80	3	100	2.4	160	1.5	200	1.2
	3.2	64	3.75	81.9	2.93	102	2.34	128	1.88	205	1.17	256	0.94
	4	80	3	102	2.34	128	1.88	160	1.5	256	0.94	320	0.75
	5	100	2.4	128	1.88	160	1.5	200	1.2	320	0.75	400	0.6
	6.3	126	1.9	161	1.49	202	1.19	252	0.95	403	0.60	504	0.48
	8	160	1.5	205	1.17	256	0.94	320	0.75	512	0.47	640	0.38
	10	200	1.2	256	0.94	320	0.75	400	0.6	640	0.38	800	0.3
	12	240	1	307	0.78	384	0.63	480	0.5	768	0.31	960	0.25

Leica M205 C Optical Data

Objectives		0.5× planachromat		0.63× planapochromat		0.8× planachromat		1× planachromat	1× planapochromat	1.6× planapochromat		2× planapochromat	
Working distances		135 mm		97 mm	67 mm	112 mm		59 mm	61.5 mm	30.5 mm		20.1 mm	
Eyepieces	Zoom setting	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø	Total mag.	Object field Ø
		×	mm	×	mm	×	mm	×	mm	×	mm	×	mm
10×/23B	0.78	3.9	59	4.99	46.1	6.24	36.9	7.8	29.5	12.5	18.4	15.6	14.7
	1.0	5	46	6.4	35.9	8	28.8	10	23	16	14.4	20	11.5
	1.6	8	28.8	10.2	22.5	12.8	18	16	14.4	25.6	8.98	32	7.19
	2.0	10	23	12.8	18	16	14.4	20	11.5	32	7.19	40	5.75
	2.5	12.5	18.4	16	14.4	20	11.5	25	9.2	40	5.75	50	4.6
	4.0	20	11.5	25.6	8.98	32	7.19	40	5.75	64	3.59	80	2.88
	5.0	25	9.2	32	7.19	40	5.75	50	4.6	80	2.88	100	2.3
	6.3	31.5	7.3	40.3	5.7	50.4	4.56	63	3.65	101	2.28	126	1.83
	8.0	40	5.75	51.2	4.49	64	3.59	80	2.88	128	1.8	160	1.44
	10.0	50	4.6	64	3.59	80	2.88	100	2.3	160	1.44	200	1.15
	12.5	62.5	3.68	80	2.88	100	2.3	125	1.84	200	1.15	250	0.92
	16.0	80	2.88	102	2.25	128	1.8	160	1.44	256	0.90	320	0.72
16×/15B	0.78	6.24	38.5	11.4	19.6	9.98	24	12.5	19.2	20	12	25	9.62
	1.0	8	30	16	14.0	12.8	18.8	16	15	25.6	9.38	32	7.5
	1.6	12.8	18.8	20	11.2	20.5	11.7	25.6	9.38	41	5.86	51.2	4.69
	2.0	16	15	25	9.0	25.6	9.38	32	7.5	51.2	4.69	64	3.75
	2.5	20	12	32	7.0	32	7.5	40	6	64	3.75	80	3
	4.0	32	7.5	40	5.6	51.2	4.69	64	3.75	102	2.34	128	1.88
	5.0	40	6	50	4.5	64	3.75	80	3	128	1.88	160	1.5
	6.3	50.4	4.76	64	3.5	80.6	2.98	101	2.38	161	1.49	202	1.19
	8.0	64	3.75	72	3.1	102	2.34	128	1.88	205	1.17	256	0.94
	10.0	80	3	80	2.8	128	1.88	160	1.5	256	0.94	320	0.75
	12.5	100	2.4	100	2.2	160	1.5	200	1.2	320	0.75	400	0.6
	16.0	128	1.88	126	1.8	205	1.17	256	0.94	410	0.59	512	0.47
25×/9.5B	0.78	9.75	25.6	12.5	20	15.6	16	19.5	12.8	31.2	8.01	39	6.41
	1.0	12.5	20	16	15.6	20	12.5	25	10	40	6.25	50	5
	1.6	20	12.5	25.6	9.77	32	7.81	40	6.25	64	3.91	80	3.13
	2.0	25	10	32	7.81	40	6.25	50	5	80	3.13	100	2.5
	2.5	31.3	8	40	6.25	50	5	62.5	4	100	2.5	125	2
	4.0	50	5	64	3.91	80	3.13	100	2.5	160	1.56	200	1.25
	5.0	62.5	4	80	3.13	100	2.5	125	2	200	1.25	250	1
	6.3	78.8	3.17	101	2.48	126	1.98	158	1.59	252	0.99	315	0.79
	8.0	100	2.5	128	1.95	160	1.56	200	1.25	320	0.78	400	0.63
	10.0	125	2	160	1.56	200	1.25	250	1	400	0.63	500	0.5
	12.5	156	1.6	200	1.25	250	1	313	0.8	500	0.5	625	0.4
	16.0	200	1.25	256	0.98	25	9.62	400	0.63	640	0.39	800	0.31
40×/6B	0.78	15.6	15.4	20	12	25	9.62	31.2	7.69	49.9	4.81	62.4	3.85
	1.0	20	12	25.6	9.38	32	7.5	40	6	64	3.75	80	3
	1.6	32	7.5	41	5.86	51.2	4.69	64	3.75	102	2.34	128	1.88
	2.0	40	6	51.2	4.69	64	3.75	80	3	128	1.88	160	1.5
	2.5	50	4.8	64	3.75	80	3	100	2.4	160	1.5	200	1.2
	4.0	80	3	102	2.34	128	1.88	160	1.5	256	0.94	320	0.75
	5.0	100	2.4	128	1.88	160	1.5	200	1.2	320	0.75	400	0.6
	6.3	126	1.9	161	1.49	202	1.19	252	0.95	403	0.60	504	0.48
	8.0	160	1.5	205	1.17	256	0.94	320	0.75	512	0.47	640	0.38
	10.0	200	1.2	256	0.94	320	0.75	400	0.6	640	0.38	800	0.3
	12.5	250	0.96	320	0.75	400	0.6	500	0.48	800	0.3	1000	0.24
	16.0	320	0.75	410	0.59	512	0.47	640	0.38	1024	0.23	1280	0.19



Digital camera systems

- 12 730 080 Leica DFC290 camera kit
- 12 730 202 Leica DFC290 HD camera kit
- 12 730 203 Leica DFC400 camera kit
- 12 730 077 Leica DFC420 camera kit
- 12 730 081 Leica DFC420 C camera kit
- 12 730 078 Leica DFC490 camera kit
- 12 730 042 Leica DFC300 FX camera kit
- 12 730 076 Leica DFC340 FX camera kit
- 11 547 000 Leica DFC360 FX camera kit
- 12 730 066 Leica DFC500 camera kit

Digital camera system accessories

- 12 446 120 FireWire cable, FWa, 3 m, 6-pin to 6-pin
- 12 446 140 FireWire cable, FWa, 4 m, 6-pin to 6-pin
- 12 730 186 FireWire cable, 3 m, FWb, 9-pin to 9-pin
- 12 730 187 FireWire cable, 3 m, FWab, 6-pin to 9-pin
- 12 730 183 OHCI FireWire PCI32 card, FWa
- 12 730 210 OHCI FireWire PCI express card, FWab
- 12 447 066 Laptop PCMCIA FireWire interface card for FWa
- 12 730 188 Laptop power kit, for use with 4-pin or unpowered 6-pin FireWire ports

Photo tubes and C-mounts

- 11 543 702 B-mount head 1× for TV optics 0.5× HC
 - 11 543 703 B-mount adapter for 2/3"
 - 11 543 706 C-mount head 1× for TV optics 0.5× HC
 - 11 541 038 Vario TV adapter 0.55–1.1×
 - 10 447 319 Adapter T2, Canon EOS
 - 10 446 175 SLR projection lens 2.5, with T2 thread, for use with single-lens reflex cameras on video/phototubes
 - 11 541 006 1× C-mount adapter for 1" CCD cameras
 - 11 541 007 0.63× C-mount adapter for 2/3" CCD cameras
 - 11 541 016 0.5× C-mount adapter for 1/2" CCD cameras
 - 11 541 510 1.0× C-mount adapter for 1" CCD cameras
 - 11 541 543 0.7× C-mount adapter for 2/3" CCD cameras
 - 11 541 544 0.55× C-mount adapter for 1/2" CCD cameras
 - 10 445 928 0.32× video objective with C-mount for 1/3" CCD cameras for video/phototubes 10 445 924, 10 446 229, 10 446 197, 10 445 929.
 - 0.5× video objective with C-mount for 1/2" CCD cameras, for video/phototubes 10 445 924, 10 446 229
 - 10 445 929 0.5× video objective with C-mount for 1/2" CCD cameras
 - 10 447 367 0.63× video objective
 - 10 446 307 0.8× video objective with C-mount for CCD cameras
 - 10 445 930 1× video/photo objective for video/phototubes (10 445 924, 10 446 229, 10 446 197)
- Note: The 1× video/photo objective can also be used with the video/phototube AS (10 447 204) and the video/phototube A (10 447 128).

Eyepieces and tubes

- 10 450 196 Replacement eyecups for wide-field eyepieces for persons wearing glasses
 - 10 450 023 Wide-field eyepieces for spectacle wearers 10x/23, distortion-free, dioptic correction, with eyecups*
 - 10 450 024 Wide-field eyepieces for spectacle wearers 16x/15, distortion-free, dioptic correction, with eyecups*
 - 10 450 025 Wide-field eyepieces for spectacle wearers 25x/9.5, distortion-free, dioptic correction, with eyecups*
 - 10 450 026 Wide-field eyepieces for spectacle wearers 40x/6, distortion-free, dioptic correction, with eyecups*
- * replaceable

- 10 450 117 Graticule, 10 mm/0.1 mm
- 10 450 054 Graticule for M-series with encoding
- 10 450 116 Graticule, 5 mm/0.05 mm
- 10 450 118 Graticule, 100 scale intervals/0.001"
- 10 450 119 Graticule, crosshair

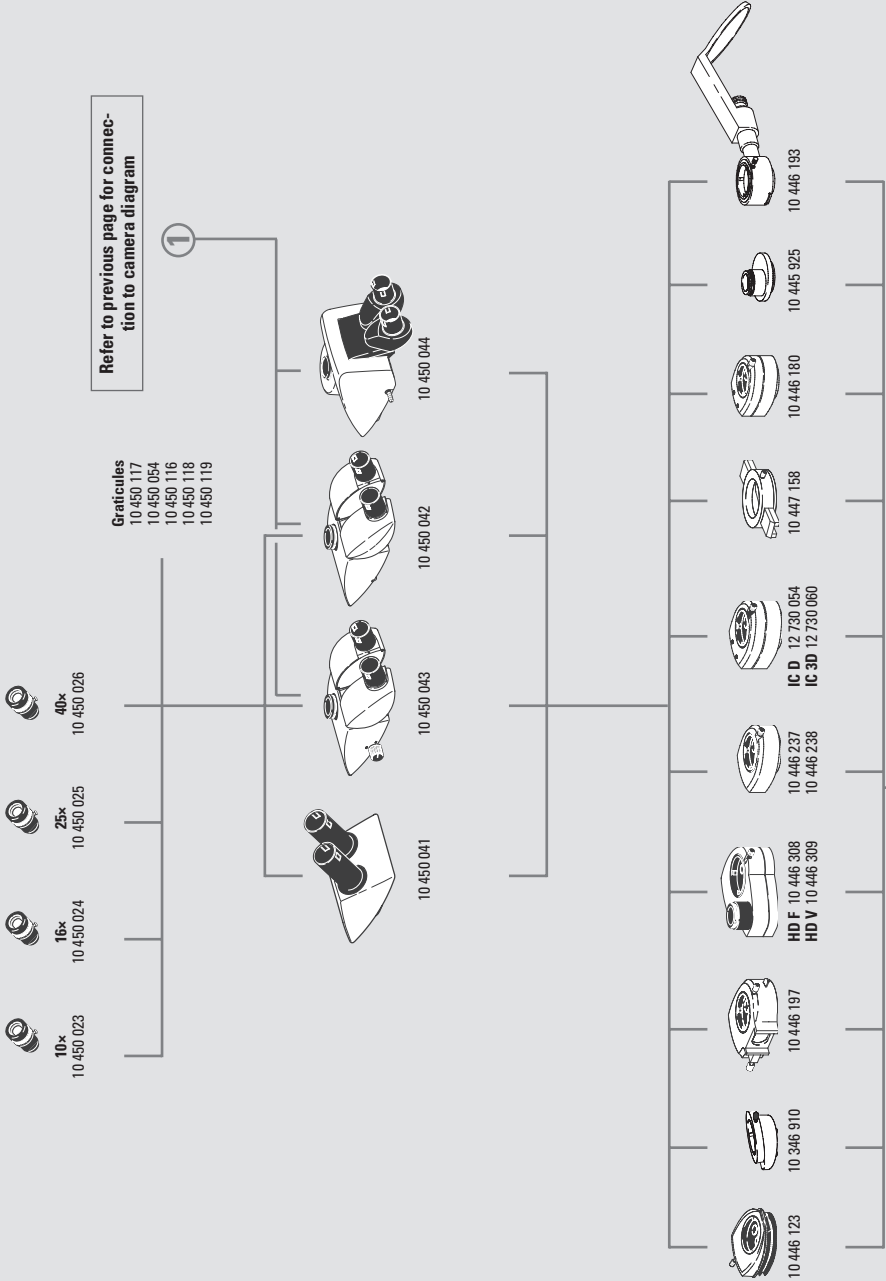
- 10 450 041 Inclined binocular tube, 45° viewing angle
- 10 450 042 Trinocular video/phototube 50%, 30° viewing angle
- 10 450 043 Trinocular video/phototube 100%, 30° viewing angle
- 10 450 044 Trinocular video/phototube 100%, 5°–45° viewing angle

- 10 446 123 ErgoWedge® 5° – 25°
- 10 346 910 ErgoWedge® ±15
- 10 446 197 Video/phototube HD-50
- 10 446 308 Video/phototube HD-F, 50%, 50%
- 10 446 309 Video/phototube HD-V, 100%, 50%, 50%, 100%
- 10 446 237 Leica IC A video module with integrated CCD and camera control, PAL
- 10 446 238 Leica IC A video module with integrated CCD and camera control, NTSC
- 12 730 054 Leica IC D camera kit
- 12 730 060 Leica IC 3D camera kit
- 10 447 158 Filter slide housing with 2 filter slides

- 10 446 180 Coaxial incident light housing for fiber-optic light
- 10 445 925 Video/photo tube A
- 10 446 193 Drawing tube

Zoom systems and accessories

- 10 450 034 Leica M125, 12.5:1 zoom system, apochromatic
- 10 450 035 Leica M165 C, 16.5:1 zoom system, apochromatic, electronically encoded
- 10 450 036 Leica M205 C, 20.5:1 zoom system, apochromatic, electronically encoded, with FusionOptics™
- 10 450 045 Objective nosepiece for quickly changing two objectives
- 10 450 047 Microscope carrier AX with toggle feature for axial photography
- 10 450 201 Ergo-Intermediate™ adapter
- 10 450 104 Microscope carrier for MZ series optics carriers



Objectives and optical accessories

- 10 446 157 0.5× planachromatic objective, working distance 135 mm
- 10 447 075 0.8× planachromatic objective, working distance 112 mm
- 10 445 819 1× planachromatic objective, working distance 59 mm
- 10 446 236 0.63× planapochromatic objective, working distance 97 mm

Planapochromatic objectives, parfocal

- 10 450 027 0.63× planapochromatic objective, working distance 67 mm, parfocal
- 10 450 028 1.0× planapochromatic objective, working distance 61.5 mm, parfocal
- 10 450 029 1.6× planapochromatic objective, working distance 30.5 mm, parfocal
- 10 450 030 2× planapochromatic objective, working distance 20.1 mm, parfocal

- 10 450 065 Analyzer in rotatable mount, Ø 80 mm, for planachromat and planapochromat Ø 80 mm

- 10 450 066 Quarter-wave plate, Ø 80 mm, for use with microscope carrier AX with coaxial incident light

- 10 367 929 Analyzer in revolving mount for Ø 66 mm planachromat and planapochromat

- 10 446 393 Intermediate ring
- 10 446 300 Intermediate ring

- 10 411 589 1× achromatic objective

- 10 445 156 Attachment for vertical and oblique observation® for

- 1× achromatic objective

Illuminators

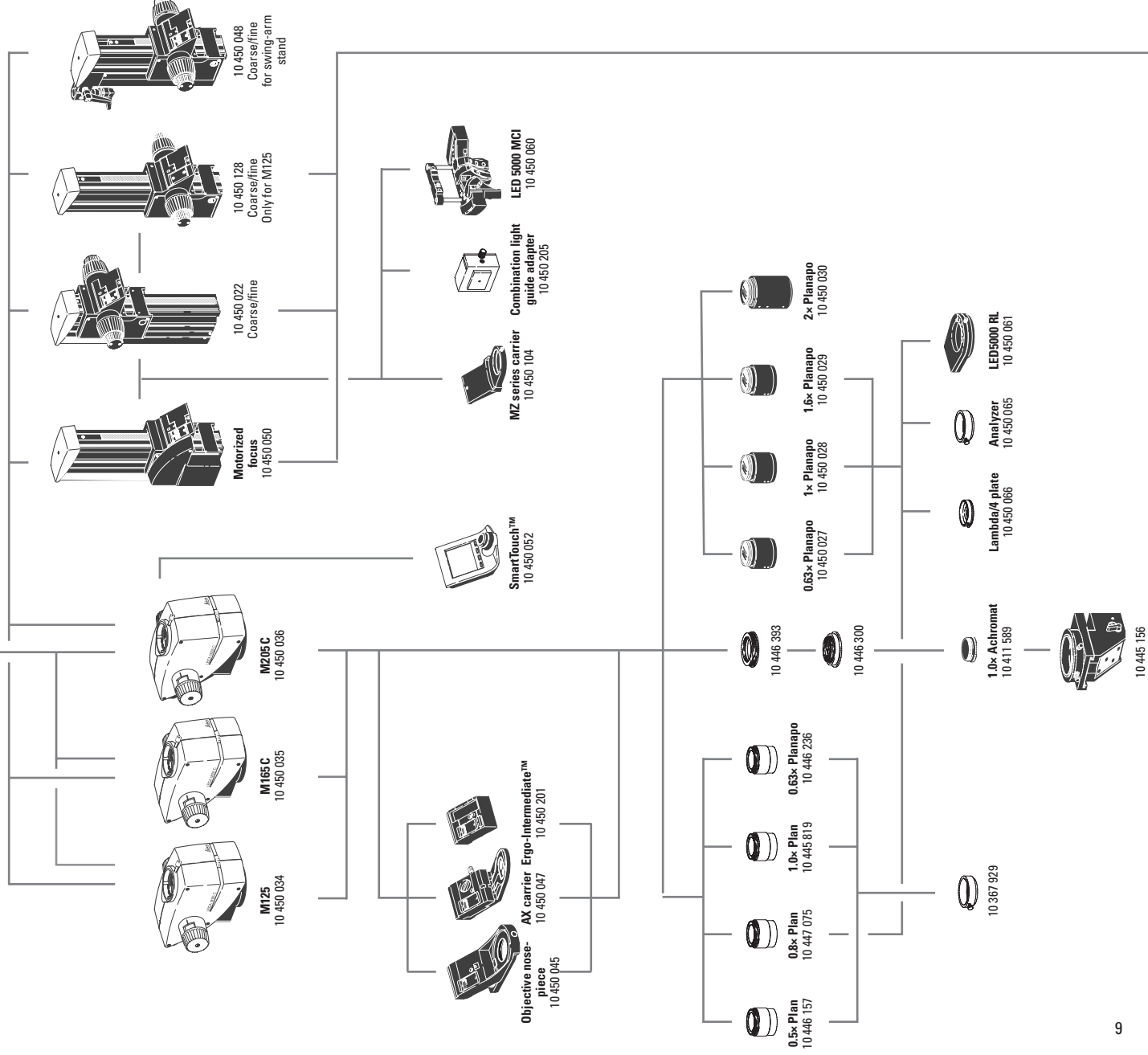
- 10 450 060 Leica LED5000 MCJ™ (Multi Contrast Illumination): three adjustable illuminator arcs, each with three LEDs, for complete integration in the stereomicroscope; with Leica Application Suite, fully reproducible modes including automatic replacement of multiple illumination scenarios

- 10 450 061 Leica LED5000 RL – ring illuminator with Ø 80 mm and 48 LEDs for complete integration in the stereomicroscope; with Leica Application Suite, fully reproducible modes including automatic replacement of multiple illumination scenarios

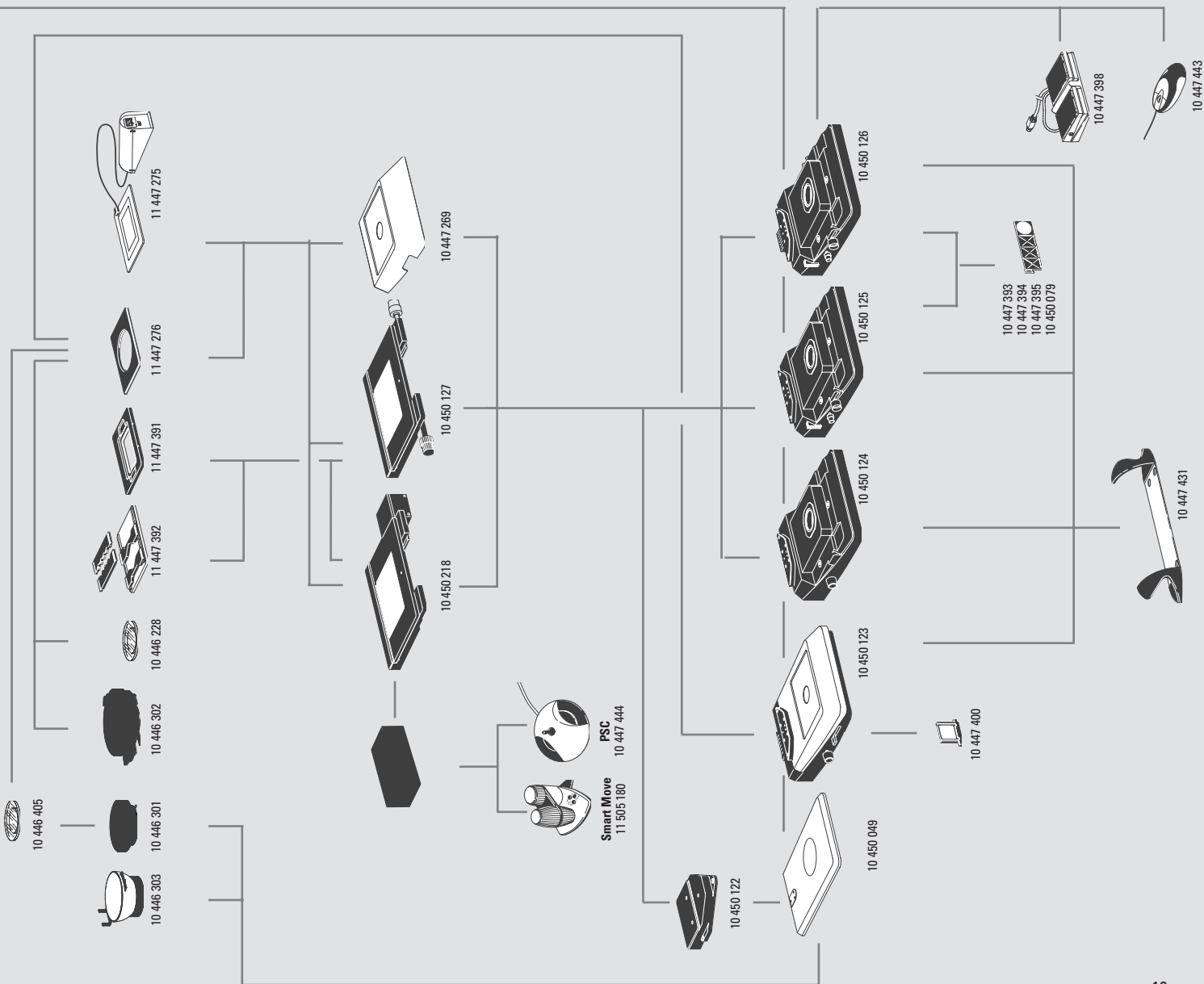
- 10 450 205 Combination light guide adapter for installation on the focusing column

Incident and transmitted light bases

- 10 450 049 Incident light base
- 10 450 123 TL ST transmitted light base
- 10 450 124 BFDF transmitted light base
- 10 450 125 TL RC™ transmitted light base for external cold light sources
- 10 450 126 TL RC™ transmitted light base with integrated halogen illumination



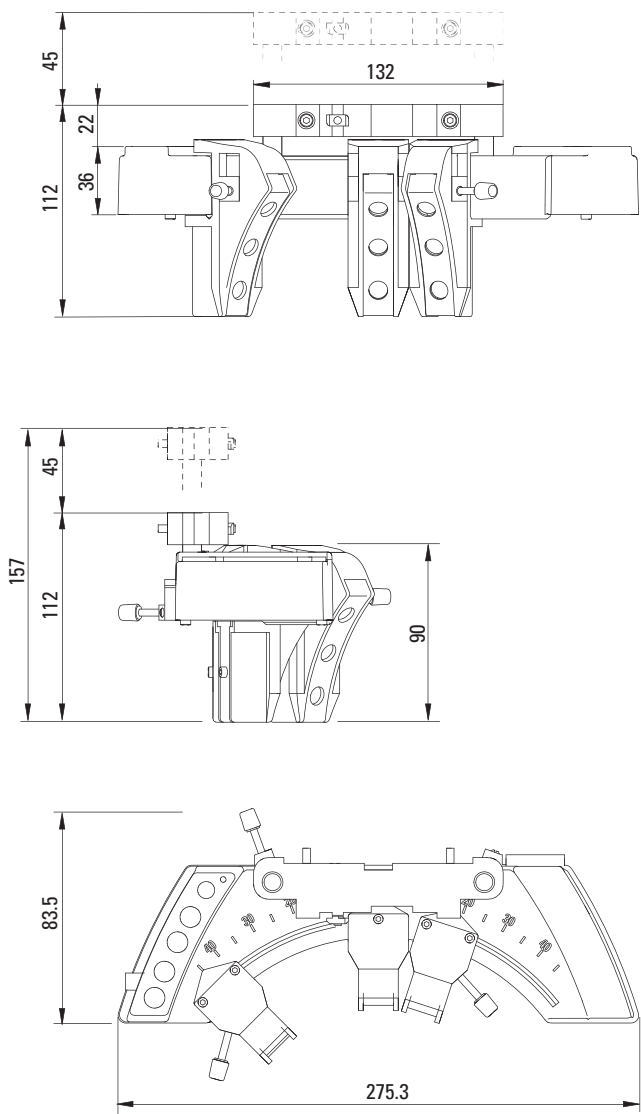
Stages	
10 447 269	Standard stage for TL BFDF, TL RC™ and TL RC™ transmitted light bases
10 450 127	Leica IsoPro™ manual mechanical stage for TL BFDF, TL RC™, TL RC™ transmitted light bases and incident light base (with adapter 10 450 137)
10 450 218	Leica IsoPro™ motorized mechanical stage for TL BFDF, TL RC™, TL RC™ transmitted light bases and incident light base (with adapter 10 450 137)
10 450 122	Adapter between mechanical stage and incident light base 10 450 049
10 447 275	Leica MATS TL heating stage insert with control unit for TL bases
10 447 276	Adapter for stages with Ø 120 mm
10 447 391	Stage for LifeOnStage accessories
10 447 392	Universal carrier for Petri dishes, glass slides (up to four) etc.
10 446 301	Gliding stage, Ø 120 mm
10 446 302	Polarization stage, Ø 120 mm
10 382 130	Attachable mechanical stage for polarization stage
10 361 719	Sensitive-tint plate for Pol rotating stage
10 446 303	Cup stage, Ø 120 mm
10 446 228	Glass stage plate with Pol, Ø 120 mm
10 450 058	Stage plate, b/w for TL bases
10 450 059	Extra knobs for IsoPro™ manual mechanical stage
Focusing drive	
10 450 022	Focusing drive, coarse/fine, with 431 mm profile column
10 450 048	Focusing drive, coarse/fine, for swinging-arm stand
10 450 050	Motorized focus with profile column 431 mm
10 450 128	Focusing drive, coarse/fine, for M125
Filters	
10 447 400	Daylight filter for TL ST base
10 447 394	BG38 filter for TL RC™/ RC™ transmitted light base
10 447 395	UV filter for TL RC™/ RC™ base
10 447 393	ND filter (gray filter) for TL RC™/ RC™ base
10 450 079	Daylight filter for TL RC™ base
Controls	
10 447 443	Leica USB mouse, user-programmable five-button mouse for connection to the TL RC™ transmitted light base or a PC
11 505 180	Leica Smart Move control unit for
10 447 444	Leica IsoPro™ motorized mechanical stage
10 447 444	Leica PSC control unit for Leica IsoPro™ motorized mechanical stage
10 450 052	SmartTouch™, external control unit with integr. touchscreen for status control and control of all settings and functions
Ergonomic accessories	
10 447 431	Leica ErgoRest™ handrest for fatigue-free work



LED5000 MCI™

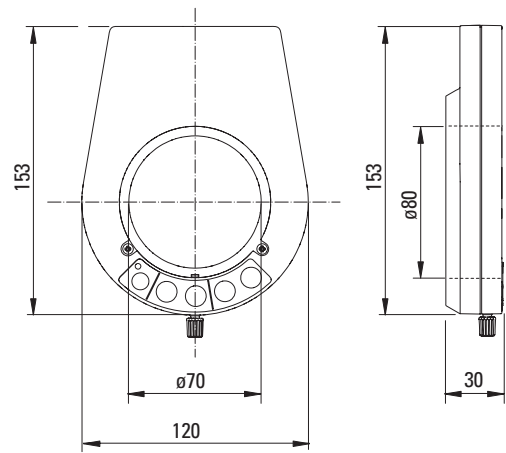
Dimensions

Dimensions in mm



LED5000 RL

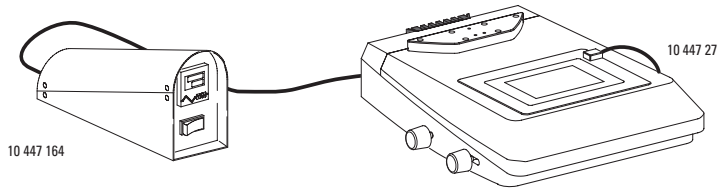
Dimensions



Leica MATS TL Heating Stage

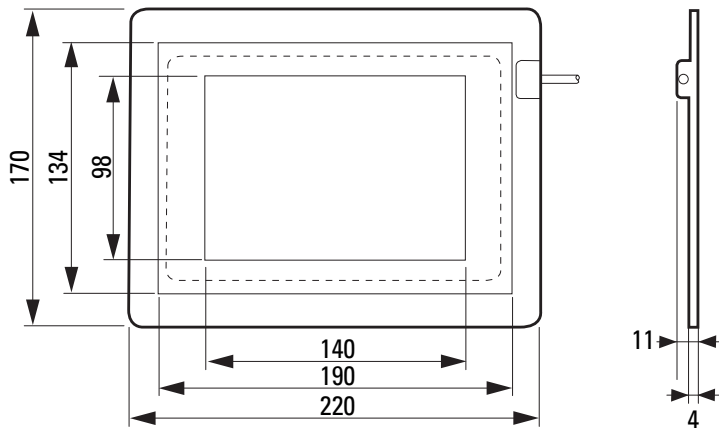
Dimensions and article numbers

Dimensions in mm



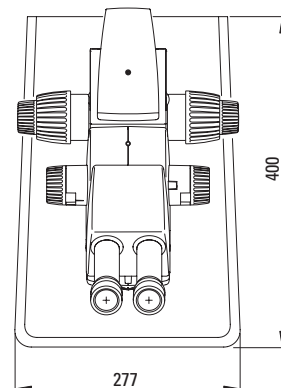
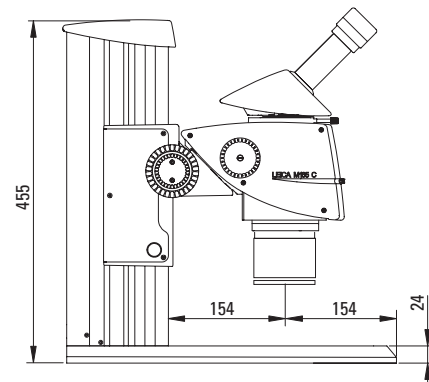
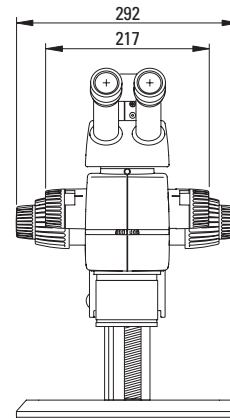
10 447 164 Control unit

10 447 275 Thermoplate for Leica M stereomicroscopes with TL ST, TL BFDF, TL RC™ or TL RCi™ transmitted light base



Leica M165 C/M125 Dimensions

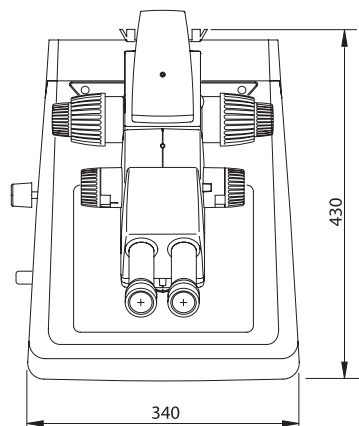
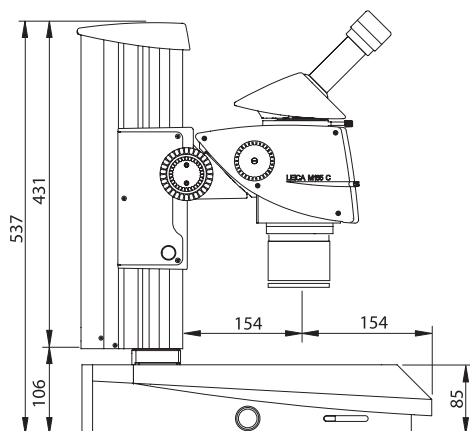
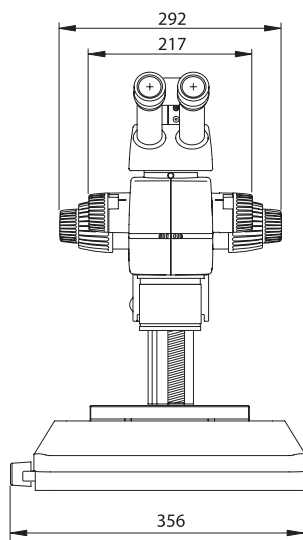
with incident light base and new focusing column



Leica M165 C/M125 Dimensions

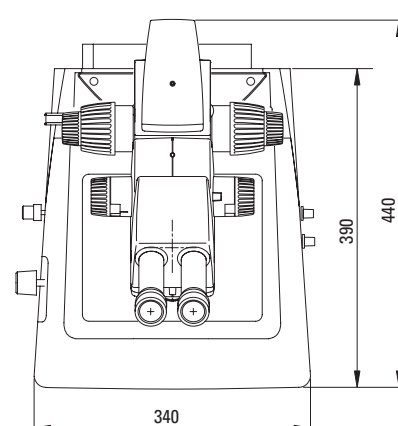
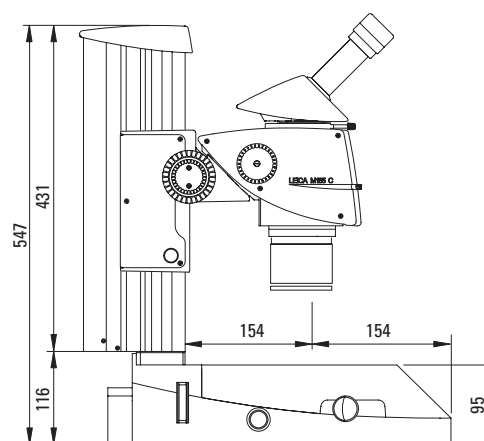
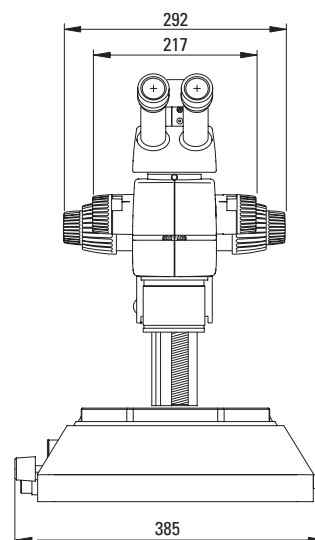
with TL ST transmitted light base and manual focus

Dimensions in mm



Leica M165 C/M125 Dimensions

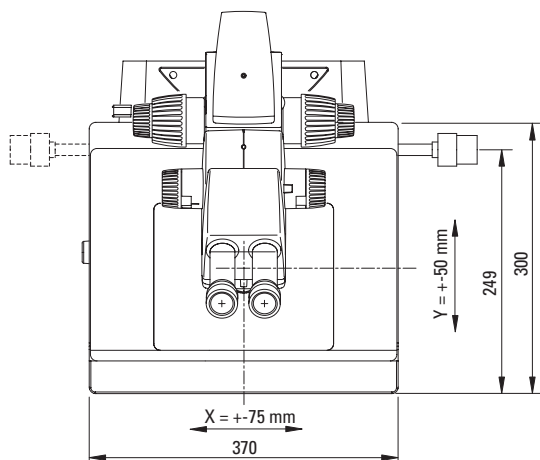
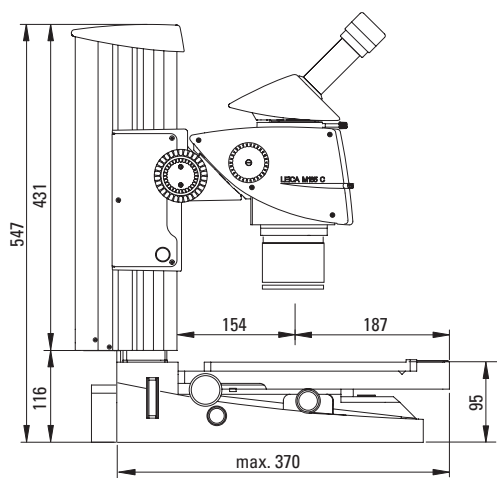
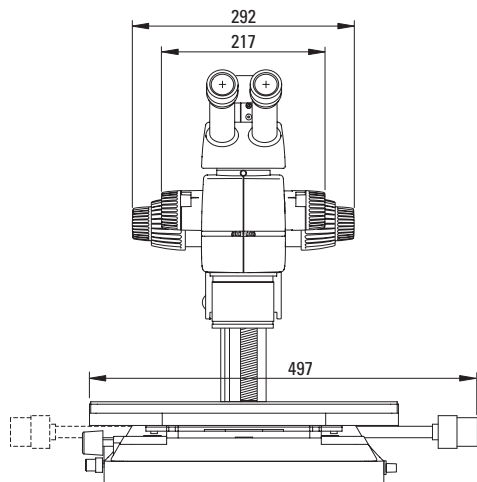
with TL RC™ transmitted light stand and manual focus



Leica M165 C/M125 Dimensions

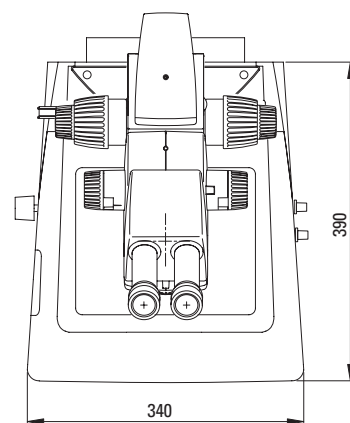
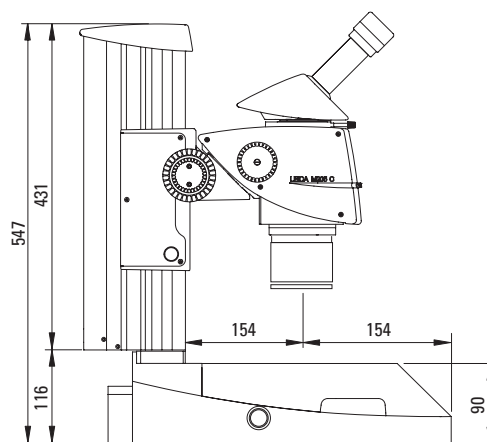
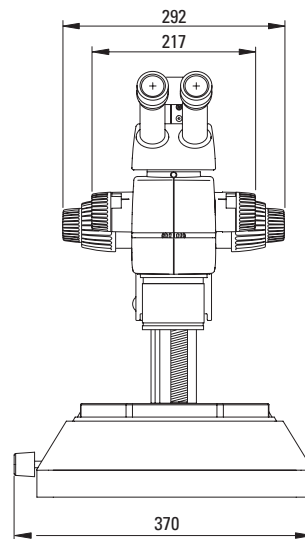
with TL RC™ transmitted light stand, Leica IsoPro™
manual mechanical stage and manual focusing drive

Dimensions in mm



Leica M205 C Dimensions

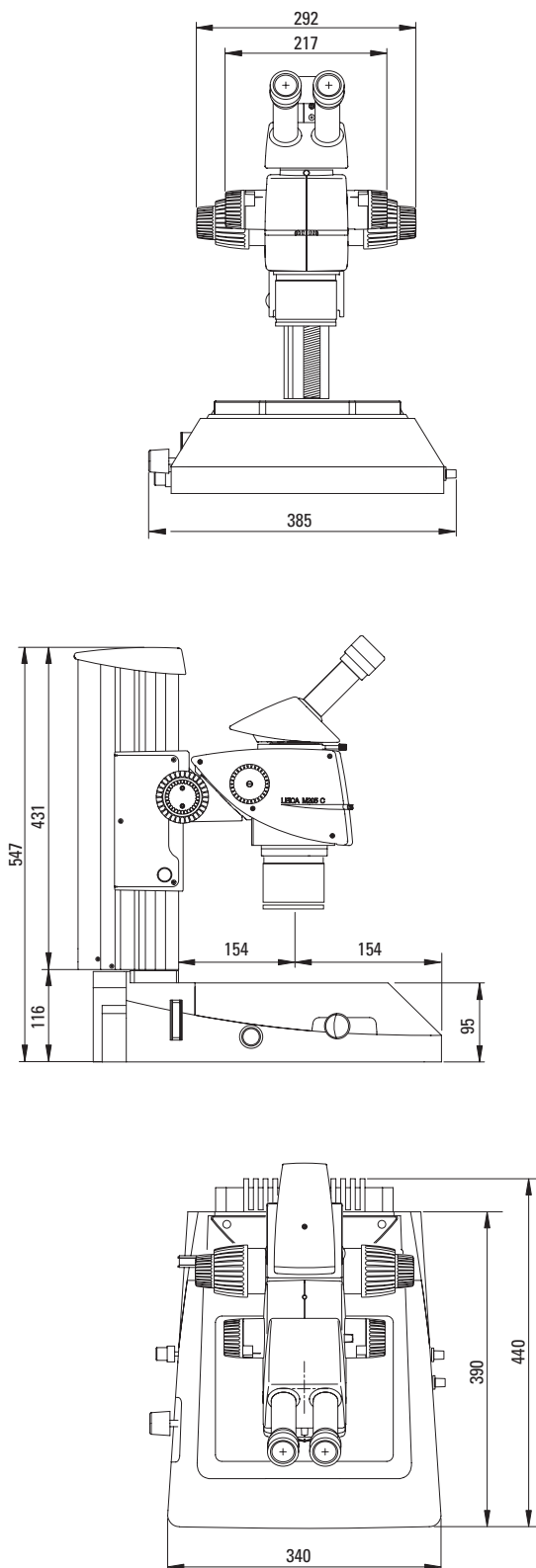
with TL BFDF transmitted light stand and manual focusing drive



Leica M205 C Dimensions

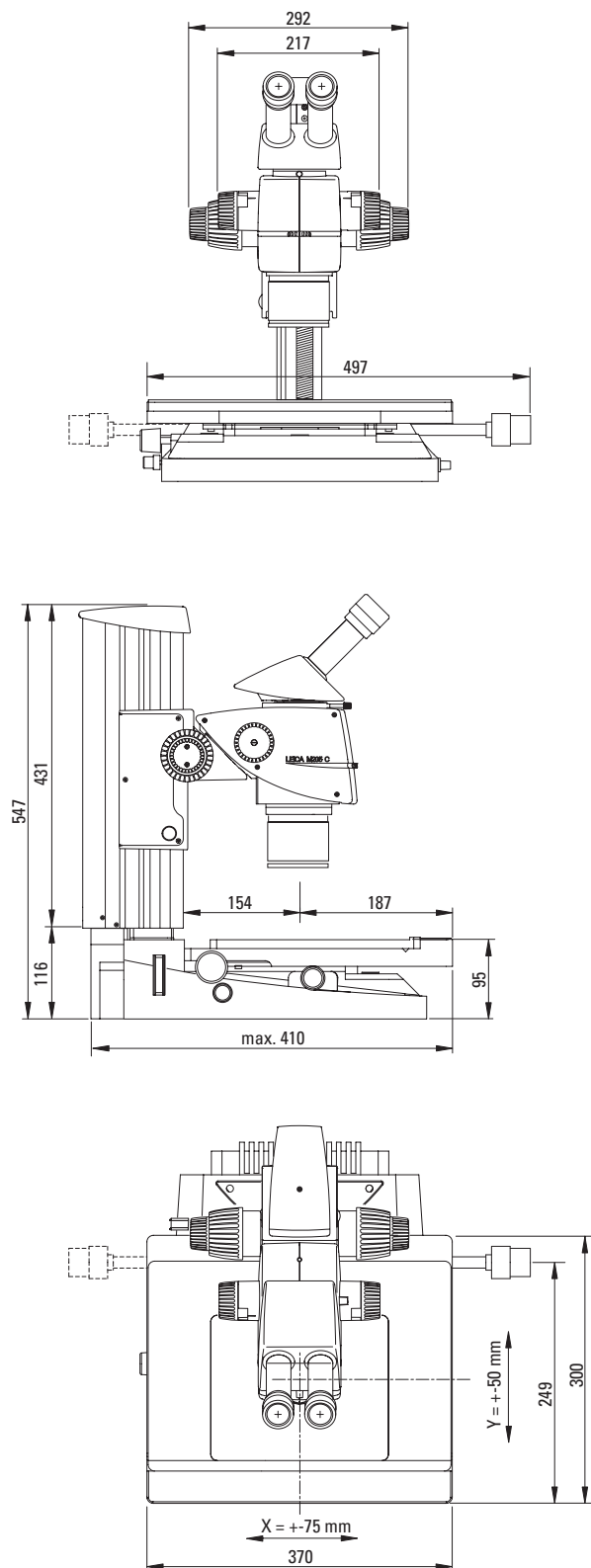
with TL RCI™ transmitted light stand and manual focusing drive

Dimensions in mm



Leica M205 C Dimensions

with TL RCI™ transmitted light stand, Leica IsoPro™ manual mechanical stage and manual focusing drive



Major User Segments

Natural science	
Embryology	Human medicine: Obstetrics and gynecology Veterinary science: Animal husbandry
Pharmacology	Pharmaceutical research and industry, pharmacology laboratories
Anatomy	Anatomy, histology and pathology departments at universities and hospitals Schools for medical and veterinary sciences Pharmaceutical research institutes Cancer research institutes
Microbiology	Microbiology departments and laboratories at universities and hospitals Food industry
Botany	Natural science institutes and museums Botanical gardens, herbaria
IVF	Hospitals, specialist practices
Industry	
Earth sciences	Departments of geology, mineralogy, paleontology
Physics	Departments of experimental physics, optics, solid-state physics
Semiconductors	Quality control, production, process control Research and development
Microtechnology	Mask manufacturers Manufacturers of integrated circuits Assembly of microchips
Materials development	Development and test labs, quality control
Synthetic materials	Research and development Manufacturers of synthetic products Colleges and universities
Criminology	
General criminological examinations, evidence and clues	Crime labs, research and law enforcement

Furthermore, the Leica M125, M165C and M205C high-performance stereomicroscopes meet the most stringent requirements of a large number of other applications.

www.leica-microsystems.com/products/M125
www.leica-microsystems.com/products/M165C
www.leica-microsystems.com/products/M205C

Leica
MICROSYSTEMS