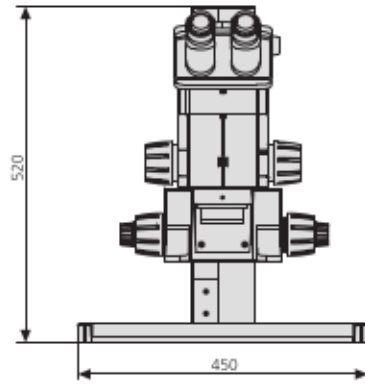
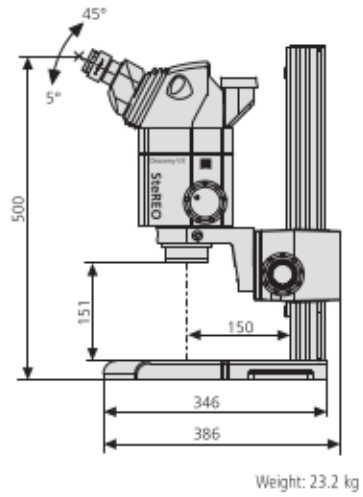
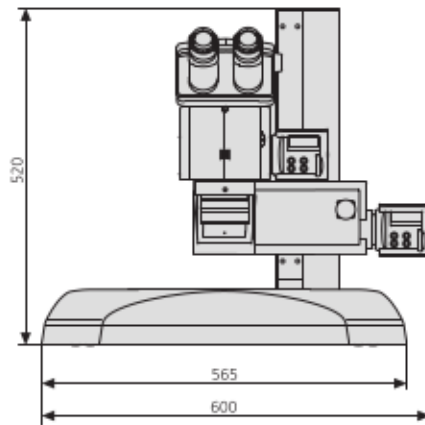
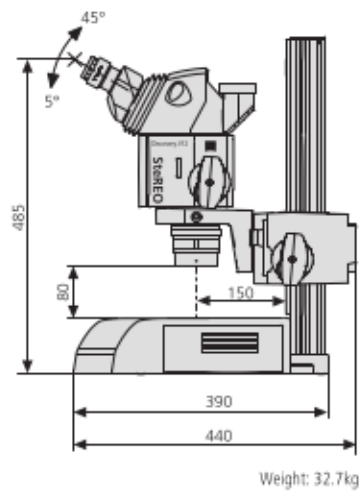


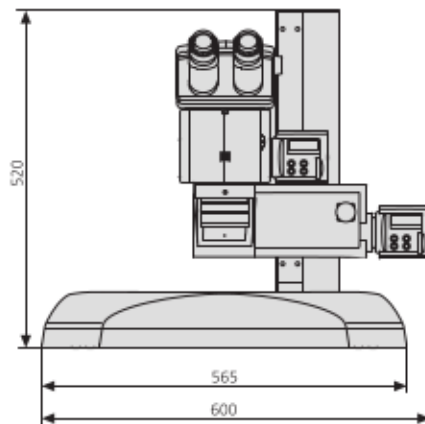
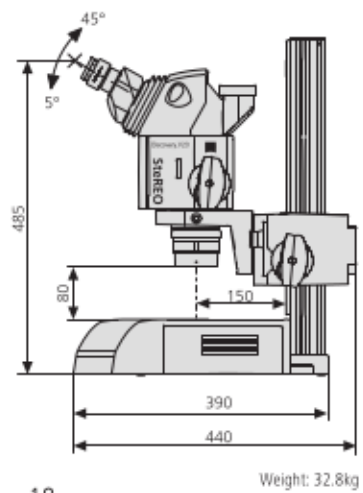
# Technical Specifications



SteREO Discovery.V8



SteREO Discovery.V12



SteREO Discovery.V20

## SteREO Discovery

SteREO Discovery.V8

SteREO Discovery.V12

SteREO Discovery.V20

Objectives		Eyepieces					
		WPL 10x/23 Br. foc.		WPL 16x/16 Br. foc.		W 25x/10 foc.	
Designation	Free working distance (FWD in mm)	Magnification	Field of view (mm)	Magnification	Field of view (mm)	Magnification	Field of view (mm)
PlanApo S 0.63x	81	6.3 x ... 50.4 x	36.5 ... 4.6	10.1 x ... 80.6 x	25.4 ... 3.2	15.8 x ... 126 x	15.9 ... 2.0
		5 x ... 63 x	45.6 ... 3.7	8 x ... 100.8 x	28.5 ... 2.3	12.6 x ... 157.5 x	18.3 ... 1.5
		4.7 x ... 94.5 x	48.7 ... 2.4	7.6 x ... 151 x	33.9 ... 1.7	11.8 x ... 236 x	21.1 ... 1.1
PlanApo S 1.0x	60	10 x ... 80 x	23.0 ... 2.9	16 x ... 128 x	16.0 ... 2.0	25 x ... 200 x	10.0 ... 1.3
		8 x ... 100 x	28.8 ... 2.3	12.8 x ... 160 x	18.0 ... 1.4	20 x ... 250 x	11.5 ... 0.9
		7.5 x ... 150 x	30.7 ... 1.5	12 x ... 240 x	21.3 ... 1.1	18.8 x ... 375 x	13.3 ... 0.7
PlanApo S 1.5x	30	15 x ... 120 x	15.3 ... 1.9	24 x ... 192 x	10.7 ... 1.3	37.5 x ... 300 x	6.7 ... 0.8
		12 x ... 150 x	19.2 ... 1.5	19.2 x ... 240 x	12.0 ... 1.0	30 x ... 375 x	7.7 ... 0.6
		11.3 x ... 225 x	20.4 ... 1.0	18 x ... 360 x	14.2 ... 0.7	28.1 x ... 563 x	8.9 ... 0.4
PlanApo S 2.3x	10	23 x ... 184 x	10.0 ... 0.7	36.8 x ... 294.4 x	6.3 ... 0.8	57.5 x ... 460 x	4.0 ... 0.5
		18.4 x ... 230 x	12.5 ... 1.0	29.4 x ... 368 x	7.8 ... 0.6	46 x ... 575 x	5.0 ... 0.4
		17.3 x ... 345 x	13.3 ... 0.7	27.6 x ... 552 x	9.3 ... 0.5	43.1 x ... 863 x	5.8 ... 0.3
PlanApo S 3.5x mono	16	35 x ... 280 x	6.6 ... 0.8	56 x ... 448 x	4.1 ... 0.5	87.5 x ... 700 x	2.6 ... 0.3
		28 x ... 350 x	8.2 ... 0.7	44.8 x ... 560 x	5.1 ... 0.4	70.5 x ... 875 x	3.3 ... 0.3
		26.3 x ... 525 x	8.8 ... 0.4	42 x ... 840 x	5.5 ... 0.27	65.6 x ... 1312.5 x	3.5 ... 0.18
Plan S 1.0x	81	10 x ... 80 x	23.0 ... 2.9	16 x ... 128 x	16.0 ... 2.0	25 x ... 200 x	10.0 ... 1.3
		8 x ... 100 x	28.8 ... 2.3	12.8 x ... 160 x	18.0 ... 1.4	20 x ... 250 x	11.5 ... 0.9
		7.5 x ... 150 x	30.7 ... 1.5	12 x ... 240 x	21.3 ... 1.1	18.8 x ... 375 x	13.3 ... 0.7
Achromat S 0.3x	253	3 x ... 24 x	76.7 ... 9.6	4.8 x ... 38.4 x	53.3 ... 6.7	7.5 x ... 60 x	33.3 ... 4.2
		2.4 x ... 30 x	95.8 ... 7.7	3.8 x ... 48 x	59.9 ... 4.8	6 x ... 75 x	38.3 ... 3.1
		2.3 x ... 45 x	102 ... 5.1	3.6 x ... 72 x	71.1 ... 3.6	5.6 x ... 113 x	44.4 ... 2.2
Achromat S 0.5x	151	5 x ... 40 x	46.0 ... 5.8	8 x ... 64 x	32.0 ... 4.0	12.5 x ... 100 x	20.0 ... 2.5
		4 x ... 50 x	57.5 ... 4.6	6.4 x ... 80 x	35.9 ... 2.9	10 x ... 150 x	23.0 ... 1.8
		3.8 x ... 75 x	61.3 ... 3.1	6 x ... 120 x	42.7 ... 2.1	9.4 x ... 188 x	26.7 ... 1.3
Achromat S 0.63x	115	6.3 x ... 50.4 x	36.5 ... 4.6	10.1 x ... 80.6 x	25.4 ... 3.2	15.8 x ... 126 x	15.9 ... 2.0
		5 x ... 63 x	45.6 ... 3.7	8 x ... 100.8 x	28.5 ... 2.3	12.6 x ... 157.5 x	18.3 ... 1.5
		4.7 x ... 94.5 x	48.7 ... 2.4	7.6 x ... 151 x	33.9 ... 1.7	11.8 x ... 236 x	21.1 ... 1.1
Achromat S 1.0x	69	10 x ... 80 x	23.0 ... 2.9	16 x ... 128 x	16.0 ... 2.0	25 x ... 200 x	10.0 ... 1.3
		8 x ... 100 x	28.8 ... 2.3	12.8 x ... 160 x	18.0 ... 1.4	20 x ... 250 x	11.5 ... 0.9
		7.5 x ... 150 x	30.7 ... 1.5	12 x ... 240 x	21.3 ... 1.1	18.8 x ... 375 x	13.3 ... 0.7
Achromat S 1.25x	50	12.5 x ... 100 x	18.4 ... 2.3	20 x ... 160 x	12.8 ... 1.6	31.3 x ... 250 x	8.0 ... 1.0
		10 x ... 120 x	23.0 ... 1.9	16 x ... 200 x	16.0 ... 1.3	25 x ... 313 x	10.0 ... 0.8
		9.4 x ... 188 x	24.5 ... 1.2	15 x ... 192 x	17.0 ... 0.9	23.5 x ... 469 x	10.6 ... 0.5
Achromat S 1.5x	28	15 x ... 120 x	15.3 ... 1.9	24 x ... 192 x	10.7 ... 1.3	37.5 x ... 300 x	6.7 ... 0.8
		12 x ... 150 x	19.2 ... 1.5	19.2 x ... 240 x	12.0 ... 1.0	30 x ... 375 x	7.7 ... 0.6
		11.3 x ... 225 x	20.4 ... 1.0	18 x ... 360 x	14.2 ... 0.7	28.1 x ... 563 x	8.9 ... 0.4