

	ELCOMAT HR	ELCOMAT 3000	ELCOMAT vario 90/40	ELCOMAT vario 140/40	ELCOMAT vario 200/40	ELCOMAT vario 300/40	ELCOMAT vario 500/40	ELCOMAT vario 300/65	ELCOMAT vario 500/65	ELCOMAT vario 500T/65	ELCOMAT direct 90/40	ELCOMAT direct 140/40	ELCOMAT direct 200/40	ELCOMAT direct 300/40	ELCOMAT direct 500/40	ELCOMAT direct 300/65	ELCOMAT direct 500/65	ELCOMAT direct 500T/65	ELCOMAT direct 600/128
Ord.-No.	229 923	229 919	229 801	229 802	229 803	229 804	229 805	229 806	229 807	229 808	229 851	229 852	229 853	229 854	229 855	229 856	229 857	229 858	229 859
Measuring uncertainty, arcsec	±0,01 over any 10'' ±0,02 over any 40'' ±0,03 total range	±0,1 over any 20'' ±0,25 total range	±3	±2	±1,5	±0,8	±0,4	±0,8	±0,4	±0,4	±3	±2	±1,5	±0,8	±0,4	±0,8	±0,4	±0,4	±0,3
Measuring range (X) x (Y), arcsec	300 x 300	2000x2000 at 2,5 m 1770x1770 at 3 m 1320x1320 at 4 m 1030x1030 at 5 m 850x850 at 6 m 730x730 at 7 m 640x640 at 8 m 570x570 at 9 m 510x510 at 10 m 340x340 at 15 m 260x260 at 20 m	9000x6120 at 0,1 m 8240x6120 at 0,2 m 5490x5490 at 0,3 m 4120x4120 at 0,4 m 3290x3290 at 0,5 m 2740x2740 at 0,6 m 2350x2350 at 0,7 m 2060x2060 at 0,8 m 1830x1830 at 0,9 m	5900x4180 at 0,3 m 5600x4180 at 0,4 m 5040x4180 at 0,5 m 4600x4180 at 0,6 m 4040x4040 at 0,7 m 3400x3400 at 0,8 m 2960x2960 at 0,9 m 2660x2660 at 1 m 990x990 at 2 m 400x400 at 3m	3760x2520 at 0,7 m 3610x2520 at 0,8 m 3200x2520 at 0,9 m 2880x2520 at 1 m 1140x1140 at 2 m 700x700 at 3 m 400x400 at 4 m 200x200 at 5 m	2520x2520 at 1 m 1440x1440 at 2 m 960x960 at 3 m 720x720 at 4 m 570 x570 at 5 m 420x420 at 6 m 300x300 at 7 m 240x240 at 8 m 180x180 at 9 m 140x140 at 10 m	1440x1440 at 2 m 1240x1240 at 3 m 880x880 at 4 m 640x640 at 5 m 480x480 at 6 m 380x380 at 7 m 300x300 at 8 m 260x260 at 9 m 200x200 at 10 m	2520x1800 at 2 m 1700x1700 at 3m 1260x1260 at 4 m 970x970 at 5 m 770x770 at 6 m 640x640 at 7 m 540x540 at 8 m 390x390 at 9 m 300x300 at 10 m	1440x1140 at 4 m 1380x1140 at 5 m 1040x1120 at 6 m 860x860 at 7 m 700x700 at 8 m 600x600 at 9 m 520x520 at 10 m 360x360 at 12 m	1440x1140 at 4 m 1380x1140 at 5 m 1040x1120 at 6 m 860x860 at 7 m 700x700 at 8 m 600x600 at 9 m 520x520 at 10 m 360x360 at 12 m	6100x4800	3900x3100	2800x220	1800x1400	1100x800	1800x1400	1100x800	1100x800	920x660
Maximum meas. distance, m	4	20	0,9	3	5	10	10	10	12	12	0,25	0,75	1,2	1,8	2,8	3	5,3	5,9	12,5
Acquisition range, arcsec	ca. 1200x1200	ca. 3600x3600	equal to measuring range																
Resolution, arcsec	0,005 up to 10; selectable																		
Recommended resolution, arcsec	0,005	0,01	1	0,5	0,2	0,1	0,05	0,1	0,05	0,05	0,5	0,2	0,2	0,1	0,05	0,1	0,05	0,05	0,05
Reproducibility, arcsec	0,01	0,05	0,4	0,3	0,2	0,1	0,05	0,1	0,05	0,05	0,4	0,3	0,2	0,1	0,05	0,1	0,05	0,05	0,05
Focal length, mm	1100	300	90	140	200	300	500	300	500	500	90	140	200	300	500	300	500	500	600
Free aperture, mm	Æ50	Æ50	Æ16	Æ28	Æ28	Æ28	Æ28	Æ28	Æ50	Æ50	Æ16	Æ28	Æ28	Æ28	Æ28	Æ50	Æ50	Æ50	Æ100
Tube diameter, mm		Æ65 f7	Æ40 f7	Æ40 f7	Æ40 f7	Æ40 f7	Æ40 f7	Æ40 f7	Æ65 f7	Æ65 f7	Æ40 f7	Æ40 f7	Æ40 f7	Æ40 f7	Æ40 f7	Æ65 f7	Æ65 f7	Æ65 f7	Æ128 f7
Min. reflector,mm R>85% R=4%	Æ12,5 Æ40	Æ5 Æ6	Æ3 Æ4	Æ4 Æ6	Æ5 Æ10	Æ5 Æ10	Æ6 Æ16	Æ6 Æ16	Æ6 Æ16	Æ8 Æ20	Æ1,5 Æ4	Æ2 Æ4	Æ3 Æ10	Æ5 Æ10	Æ6 Æ19	Æ5 Æ14	Æ6 Æ19	Æ7 Æ24	Æ7 Æ25
Computer interface	RS-232 / USB										USB								
Mains voltage	90...250V / 50...60 Hz										5 V via USB								
Weight autocollimation sensor, kg	12,2	3,8	1,2	1,3	1,5	1,9	2,5	2,8	4	3,2	1,1	1,2	1,4	1,8	2,4	2,7	3,9	3,1	7
Weight display, kg	1,2																		
Scope of delivery	Autocollimation sensor; display unit, Software INCOLINK, power supply, IR-remote control, RS-232 cable, USB cable, transportation- and storage box										Autocollimation sensor, Software ELCOdirect, USB cable								