

	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
<b>Ord.-No.</b>	229 923	229 919	229 811	229 812	229 813	229 814	229 815	229 816	229 817	229 818	229 851	229 852	229 853	229 854	229 855	229 856	229 857	229 858	229 859
<b>Measuring uncertainty, arcsec</b>	±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
<b>Measuring* range (X) x (Y), arcsec</b>	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	<u>Mode SD</u> 8170x6840 at 0,2 m 7090x6830 at 0,4 m 5700x5700 at 0,6 m 1540x1490 at 0,8 m 1320x1280 at 1 m  <u>Mode LD</u> 6620x5300 at 0,2m 4200x4060 at 0,4 m 2700x2650 at 0,6 m 1540x1490 at 0,8 m 1280x1280 at 1m 1020x1020 at 1,2 m 800x800 at 1,4 m	<u>Mode SD</u> 5140x432 at 0,7 m 4960x4300 at 0,9 m 3360x3360 at 2 m  <u>Mode LD</u> 4000x3340 at 0,7 m 3190x3100 at 0,9 m 1380x1380 at 2 m 490x490 at 4 m 240x240 at 6 m	<u>Mode SD</u> 3560x2980 at 1 m 2390x2390 at 3 m  <u>Mode LD</u> 2880x2300 at 1 m 1030x1030 at 3 m 460x460 at 5 m 260x260 at 7 m 200x200 at 8 m	<u>Mode SD</u> 2380x2000 at 1 m 2050x1990 at 3 m 1570x1570 at 5 m  <u>Mode LD</u> 1920x1540 at 1 m 1100x1060 at 3 m 650x650 at 5 m 360x360 at 7 m 240x240 at 9 m	<u>Mode SD</u> 1420x1200 at 2 m 1330x11900 at 4 m 1030x1030 at 6 m  <u>Mode LD</u> 1160x920 at 2 m 800x800 at 4 m 510x510 at 6 m 360x360 at 8 m 230x230 at 10 m	<u>Mode SD</u> 2380x2000 at 3 m 2050x1980 at 5 m 1700x1700 at 7 m  <u>Mode LD</u> 1910x1530 at 3 m 1130x1090 at 5 m 750x750 at 7 m 590x590 at 9 m 390x390 at 11 m 300x300 at 13 m	<u>Mode SD</u> 1440x1140 at 7 m 1380x1140 at 8 m 1180x1180 at 10 m  <u>Mode LD</u> 919x910 at 7 m 800x800 at 8 m 610x610 at 10 m 500x500 at 12 m 410x410 at 14 m 360x360 at 16 m 270x270 at 18 m	<u>Mode SKD</u> 1440x1140 at 7 m 1380x1140 at 8 m 1180x1180 at 10 m  <u>Mode LD</u> 919x910 at 7 m 800x800 at 8 m 610x610 at 10 m 500x500 at 12 m 410x410 at 14 m 360x360 at 16 m 270x270 at 18 m	6100x4800	3900x3100	2800x220	1800x1400	1100x800	1800x1400	1100x800	1100x800	920x660
<b>Maximum meas. distance, m</b>	4	20	1,4	6	8	9	10	13	18	18	0,25	0,75	1,2	1,8	2,8	3	5,3	5,9	12,5
<b>Acquisition range, arcsec</b>	ca. 1200x1200	ca. 3600x3600	equal to measuring range																
<b>Resolution, arcsec</b>	0,005 up to 10; selectable																		
<b>Recommended resolution, arcsec</b>	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
<b>Reproducibility, arcsec</b>	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
<b>Focal length, mm</b>	1100	300	90	140	200	300	500	300	500	500	90	140	200	300	500	300	500	500	600
<b>Free aperture, mm</b>	Ø50	Ø50	Ø16	Ø28	Ø28	Ø28	Ø28	Ø50	Ø50	Ø50	Ø16	Ø28	Ø28	Ø28	Ø28	Ø50	Ø50	Ø50	Ø100
<b>Tube diameter, mm</b>		Ø65 f7	Ø40 f7	Ø40 f7	Ø40 f7	Ø40 f7	Ø40 f7	Ø65 f7	Ø65 f7	Ø65 f7	Ø40 f7	Ø40 f7	Ø40 f7	Ø40 f7	Ø40 f7	Ø65 f7	Ø65 f7	Ø65 f7	Ø128 f7
<b>Min. reflector, mm R&gt;85% R=4%</b>	Ø12,5 Ø40	Ø5 Ø6	Ø3 Ø4	Ø4 Ø6	Ø5 Ø10	Ø5 Ø10	Ø6 Ø16	Ø6 Ø16	Ø6 Ø16	Ø8 Ø20	Ø1,5 Ø4	Ø2 Ø4	Ø3 Ø10	Ø5 Ø10	Ø6 Ø19	Ø5 Ø14	Ø6 Ø19	Ø7 Ø24	Ø7 Ø25
<b>Computer interface</b>	RS-232 / USB										USB								
<b>Main voltage</b>	90...250V / 50...60 Hz										5 V via USB								
<b>Weight autocollimation sensor, kg</b>	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
<b>Weight display, kg</b>	1,2																		
<b>Scope of delivery</b>	Autocollimation sensor, display, software INCOLINK, power supply, IR-remote, RS-232 cable, USB cable, transportation und storage box										Autocollimation sensor, software ELCOdirect, USB cable								

\* Mode SD (short distance) enables an increased measuring range with shorter max. measuring distance

Mode LD (long distance) allows a longer measuring distance with slightly reduced measuring range