

SGL207NextGen®

New lab scale machine with capabilities to produce pilot batches!

- ✓ Higher speed up to 5 RPM
- ✓ Air/Water cooled casting drums
- ✓ 4 plunger medicine pump
- ✓ 21 CFR Part 11 compliance software
- ✓ Control of all production and process using PLC with touch screen
- ✓ Designed according to the GMP/FDA requirements
- ✓ Motion Control System using servo motors
- ✓ Easy cleaning and maintenance



Production Rates for SGL207 NextGen®

Die Roll Size [Dia. x Len.] 4.040" x 2.756"

Capsule Size	Number of Cavities Across	Number of Cavities Around	Total Number of Cavities	Capsules/hr.					
				RPM	RPM	RPM	RPM	RPM	RPM
				2.5	3	3.5	4	4.5	5
1 Oval	5	36	180	27,000	32,400	37,800	43,200	48,600	54,000
2 Oval	5	31	155	23,250	27,900	32,550	37,200	41,850	46,500
3 Oval	4	30	120	18,000	21,600	25,200	28,800	32,400	36,600
4 Oval	4	29	116	17,400	20,880	24,360	27,840	31,320	34,800
5 Oval	3	28	84	12,600	15,120	17,640	20,160	22,680	25,200
6 Oval	3	26	78	11,700	14,040	16,380	18,720	21,060	23,400
7 Oval	3	24	72	10,800	12,960	15,120	17,280	19,440	21,600
7.5 Oval	3	25	75	11,250	13,500	15,750	18,000	20,250	22,500
8.5 Oval	3	24	72	10,800	12,960	15,120	17,280	19,440	21,600
10 Oval	2	23	46	6,900	8,280	9,660	11,040	12,420	13,800
12 Oval	2	20	40	6,000	7,200	8,400	9,600	10,800	12,000
14 Oval	2	20	40	6,000	7,200	8,400	9,600	10,800	12,000
16 Oval	2	19	38	5,700	6,840	7,980	9,120	10,260	11,400
20 Oval	2	18	36	5,400	6,480	7,560	8,640	9,720	10,800
40 Oval	1	16	16	2,400	2,880	3,360	3,840	4,320	4,800
80 Oval	1	13	13	1,950	2,340	2,730	3,120	3,510	3,900
3 Oblong	3	34	102	15,300	18,360	21,420	24,480	27,540	30,600
4 Oblong	3	32	96	14,400	17,280	20,160	23,040	25,920	28,800
5 Oblong	2	32	64	9,600	11,520	13,440	15,360	17,280	19,200
6 Oblong	2	29	58	8,700	10,440	12,180	13,920	15,660	17,400
8 Oblong	2	27	54	8,100	9,720	11,340	12,960	14,580	16,200
9.5 Oblong	2	26	52	7,800	9,360	10,920	12,480	14,040	15,600
11 Oblong	2	26	52	7,800	9,360	10,920	12,480	14,040	15,600
12 Oblong	2	21	42	6,300	7,560	8,820	10,080	11,340	12,600

Capsule Size	Number of Cavities Across	Number of Cavities Around	Total Number of Cavities	Capsules/hr.					
				RPM	RPM	RPM	RPM	RPM	RPM
				2.5	3	3.5	4	4.5	5
14 Oblong	2	24	48	7,200	8,640	10,080	11,520	12,960	14,400
16 Oblong	1	24	24	3,600	4,320	5,040	5,760	6,480	7,200
18 Oblong	1	23	23	3,450	4,140	4,830	5,520	6,210	6,900
20 Oblong	1	22	22	3,300	3,960	4,620	5,280	5,940	6,600
22 Oblong	1	22	22	3,300	3,960	4,620	5,280	5,940	6,600
23 Oblong	1	20	20	3,000	3,600	4,200	4,800	5,400	6,000
24 Oblong	1	21	21	3,150	3,780	4,410	5,040	5,670	6,300
26 Oblong	1	21	21	3,150	3,780	4,410	5,040	5,670	6,300
28 Oblong	1	19	19	2,850	3,420	3,990	4,560	5,130	5,700
30 Oblong	1	19	19	2,850	3,420	3,990	4,560	5,130	5,700
1 Round	6	36	216	32,400	38,880	45,360	51,840	58,320	64,800
2 Round	5	32	160	24,000	28,800	33,600	38,400	43,200	48,000
3 Round	5	28	140	21,000	25,200	29,400	33,600	37,800	42,000
4 Round	4	25	100	15,000	18,000	21,000	24,000	27,000	30,000
5 Round	4	24	96	14,400	17,280	20,160	23,040	25,920	28,800
6 Round	4	23	92	13,800	16,560	19,320	22,080	24,840	27,600
7 Round	4	22	88	13,200	15,840	18,480	21,120	23,760	26,400
9 Round	4	21	84	12,600	15,120	17,640	20,160	22,680	25,200
15 Round	3	16	48	7,200	8,640	10,080	11,520	12,960	14,400
28 Round	3	16	48	7,200	8,640	10,080	11,520	12,960	14,400
35 Round	3	15	45	6,750	8,100	9,450	10,800	12,150	13,500
38 Round	3	15	45	6,750	8,100	9,450	10,800	12,150	13,500
90 Round	1	11	11	1,650	1,980	2,310	2,640	2,970	3,300

TECHNOPHAR

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