

Technical Data

Filling & Sealing Machines for ready-to-use syringes

			RSM05
Scope of application	application range for ready-to-use glass syringes according to ISO 11040-4	[ml]	0,5 - 20
	application range for plastic syringes according to ISO 11040-6 (optional)	[mm]	-
	object diameter syringe body	[mm]	6,5 - 22,5
	cylinder height Syringe body	[mm]	35 - 100
	production rate [objects/h]* (number of digits per cycle)	0,5ml - 160	[obj/h] 11.520 (5)
		0,5ml - 100	[obj/h] 10.100 (5)
		1ml long - 160	[obj/h] 11.520 (5)
		1ml long - 100	[obj/h] 10.100 (5)
		1ml (short) - 100	[obj/h] 10.100 (5)
		2ml - 100	[obj/h] 10.100 (5)
		3ml - 100	[obj/h] 10.100 (5)
		5ml - 64	[obj/h] 6.460 (4)
		10ml - 42	[obj/h] 4.570 (3)
		20ml - 30	[obj/h] 3.870 (5)
		50ml - 20	[obj/h] -
Inert gas (optional)	Inert gas (N2): consumption	[Nl/h]	depends on product, container size, filling vol.
	max. flow rate with pre-/fill-/post-/closing gassing	[Nl/h]	1.400
	supply pressure	[bar]	0,5 - 5
	connection: barbed hose fitting for tube inner diameter	[mm]	4

Compressed air (incl. sorting device)

	compressed air consumption (at 6 bar)	[l/min]	400
	supply pressure	[bar]	6 - 14
	connection: barbed hose fitting for tube inner diameter	[mm]	9

Electric

	electric load (without LAF, with sorting devices, with vacuum pump)	[kW]	3,8
	power supply L1+L2+L3+N+PE	[-]	3x230/400V +/-10% 50Hz

Others

	weight (incl. sorting devices, without LAF)	[kg]	~ 2.500
	transport height nest support	[mm]	900
	heat load to the ambience	[kW]	1,6
	sound pressure level	[dBA]	<80

Ambient conditions

	allowed ambient temperatures	[°C]	18 - 25
	relative humidity, non-condensing	[%]	40 - 60

* Production rate only possible with uninterrupted tube feed/drop-off. If the stopper is set with vacuum (optional), a reduction in performance must be expected; in addition, if the option is ordered, the stopper can no longer be set mechanically.

** Production rates are nominal outputs according to DIN 8743 and refer to objects according above mentioned standards, filled with water at room temperature (20°C) with Rota rotary pump up to nominal volume and apply to single machines (stand alone).
If individual machines are connected in line, the application ranges and production rates of the upstream and downstream machines must be taken into account.

The technical data are based on standard machines. The data, in particular performance, consumption, weight and connected loads can vary and depend on the equipment ordered, the product, the packaging and the quality of the packaging.