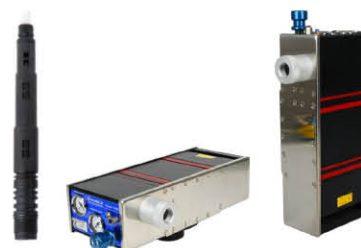


# VACUUM PUMPS / Mega pump – Cartridge type

## VCML100 / VCML100L

### Features and Strengths

- Integrated VMECA Vacuum Cartridge technology
- High vacuum flow to replace motor pump
- Easy maintenance
- Excellent performance in leakage application and in conveying system
- for granules, transferring bulk materials and powder



### Specifications

Description	VCML100	VCML100L
Max. Vacuum level	-92 kPa	-75 kPa
Open Vacuum flow	1364 NI/min	1,448 NI/min
Max. Feed pressure	7 bar	7 bar
Temperature	-20 ~ 80 °C	-20 ~ 80 °C
Noise level	60 ~ 65 dBA	60 ~ 65 dBA
Weight	5,520 g	5,518 g

### Vacuum Flow

Model	Max. vacuum (-kPa)	Feed Pressure (bar)	Vacuum flow (NI/min) at different vacuum levels (-kPa)									
			0	10	20	30	40	50	60	70	80	90
VCML100	75	2.2	1208	490	352	212	126	114	66	18	-	-
	92	3.0	1352	608	424	256	132	128	88	66	26	7.6
	92	4.0	1364	616	510	376	276	172	93	69	28	8.4
VCML100L	60	4.0	1208	688	440	280	184	112	27	-	-	-
	70	5.0	1376	784	520	328	200	150	92	45	-	-
	75	6.0	1448	828	616	400	208	152	128	88	-	-

### Evacuation Time

Model	Feed Pressure (bar)	Air Consumption (NI/min)	Evacuation time in sec / liter to reach different vacuum levels (-kPa)								
			10	20	30	40	50	60	70	80	90
VCML100	2.2	388	0.005	0.02	0.027	0.08	0.10	0.18	0.40	-	-
	3.0	472	0.004	0.018	0.02	0.07	0.09	0.16	0.20	0.30	0.95
	4.0	608	0.003	0.01	0.01	0.02	0.05	0.10	0.15	0.25	0.85
VCML100L	4.0	280	0.0089	0.023	0.04	0.07	0.09	0.2	-	-	-
	5.0	340	0.0057	0.018	0.03	0.063	0.075	0.1	0.2	-	-
	6.0	416	0.0053	0.015	0.029	0.052	0.071	0.09	0.15	-	-