

VACUCELL® EVO (VU EVO) 22, 55, 111

Technical data Internal space - chamber, stainless steel DIN 1.4301 (AISI 316 Ti)	volume	cca l	22	55	111
	width	mm	340	400	540
	depth	mm	260	320	410
	height	mm	300	430	480
External dimensions (including door and handle, feet)	width	mm	560	620	760
	depth	mm	500	560	650
	height	mm	780	910	960
Package – dimensions (three-layer carton)	width	mm	730	980	980
	depth	mm	720	820	820
	height (incl. palette)	mm	1090	1290	1290
Weight	net	cca kg	68	101	133
	gross	cca kg	80	117	150
Shelves	shelves	max. No.	5	8	9
	standard equipment	psc.	2	2	2
	min. distance between screens	mm	40	40	40
	storage area	mm	280×236	340×296	480×386
Maximal load	for a shelf	kg	20	25	25
	total inside of device	kg	35	45	65
Number of outer metal doors		psc.	1	1	1
Electrical data 115V stock, 230V available	maximum power	W	805	1,208	1,806
	amperage	A	7	10.5	15.7
	mains 50/60 Hz	V	115	115	115
Protective system			IP20	IP20	IP20
Temperature data					
Working temperature	from 5°C above ambient	to °C	250	250	250
Temp. deviations acc. to DIN 12 880 from working temperature (All shelves, pressure 5-10 mbar) **	uniformity at 100°C	± °C	2	2	3
	uniformity at 200°C	± °C	5	6	7
	in time	± °C	0.4	0.4	0.4
Temp. deviations acc. to DIN 12 880 from working temperature (stainless shelves, pressure 5-10 mbar) **	uniformity at 100°C	± °C	10	10	11
	uniformity at 200°C	± °C	18	23	*
	in time	± °C	0.5	1	1
Time of rise onto 98% voltage 115V or 230 V – All shelves, pressure 5-10 mbar	up to temp. 100°C	min	60	65	110
	up to temp. 200°C	min	80	86	130
Time of rise onto 98% voltage 115V or 230 V – stainless shelves, press 5-10 mbar	up to temp. 100°C	min	130	140	170
	up to temp. 200°C	min	170	180	220
Heat emission	at 100°C	W	150	260	370
	at 200°C	W	300	520	750
Vacuum connection	vacuum connector	DN mm (KF)	16	16	16
	max. attainable vacuum	mbar	<5·10 ⁻⁴	<5·10 ⁻⁴	<5·10 ⁻⁴
	chamber leakage	mbar.l.s-1	<5·10 ⁻³	<5·10 ⁻³	<5·10 ⁻³
Measuring access port		DN mm (KF)	40	40	40

Note: All technical data is related to 22°C ambient temperature and +/- 10% voltage swing (if not specified)

- * Not measured
- ** Heat transfer to samples on the shelves under vacuum is performed through shelf leads. This is why the above stated temperature variations apply to temperature on shelf surfaces. The measuring sensors must be in perfect heat-conductive contact with the shelf surface. Samples placed on the shelves must also be in perfect contact with the shelves. The temperature of the samples depends primarily on their physical characteristics and on contact with the shelf.
- The values may differ depending on specific changes in the media parameters.
- Change in the design and make reserved



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