

# DISCOVERY MY

## NEW CLIMATIC AND THERMOSTATIC CHAMBERS SEVERE STRESS SCREENING

	MODEL <sup>1</sup>	DM250 C10 (15) ESS	DM500 C10 (15) ESS	DM1000 C10 (15) ESS	DM1400 C10 (15) ESS
Useful capacity (l)		255	438	1040	1368
Internal dimensions approx. (mm)	Width	601	850	1000	1000
	Depth	615	580	1020	1342
	Height	692	890	1020	1020
External dimensions approx. (mm)	Width	883	1137	1287	1287
	Depth	2080	2058	2512	2891
	Height	1767	2050	2180	2180
Temperature range (°C)		-75...+180	-75...+180	-75...+180	-75...+180
Temperature fluctuation (K)		±0.1...±0.5	±0.1...±0.5	±0.1...±0.5	±0.1...±0.5
Temperature changing rate Heating <sup>4+5</sup>	C 10 ESS (-70/+180°C)	10K/min	10K/min	10K/min	10K/min
	C 15 ESS (-70/+180°C)	15K/min	15K/min	15K/min	15K/min
Temperature changing rate Cooling <sup>4+5</sup>	C 10 ESS (+180/-70°C)	10K/min	10K/min	10K/min	10K/min
	C 15 ESS (+180/-70°C)	15K/min	15K/min	15K/min	15K/min
Humidity range (%) ( $\tau=-3/+94^{\circ}\text{C}$ ) <sup>2</sup>		10...98	10...98	10...98	10...98
Temperature range for climatic test (°C)		10...95	10...95	10...95	10...95
Humidity fluctuation (%)		±1...±3	±1...±3	±1...±3	±1...±3
Maximum thermal Load (W) <sup>5</sup>	C 10 ESS T=+25°C	6000	7000	8000	8000
	C 15 ESS T=+25°C	8000	8000	9000	9000
Rated power (kW)		21,2	30,5	45,3	57,1
Rated current absorption (A)		40,6	52	85	104
Weight (kg)		1070	1225	1800	1900
Sound pressure level dB(A) <sup>3</sup>		69	74	76	76
Supply voltage (Vac)		400V ±10%/50Hz/3 + N + G			

1. for Temperature only version add the suffix T - 2.  $\tau=+4^{\circ}\text{C}/+94^{\circ}\text{C}$  for continuous test - 3. measured at 1 m distance in front of the unit in 1,6 m height, free field measurement  
4. according to IEC 60068-3-5 and IEC 60068-3-6 - 5. The performance data refer to +22°C ambient temperature, 400V nominal voltage, without specimen