

DSC 500 Pegasus®	
Temperature range	-150°C to 2000°C
Furnaces	Standard and special furnaces
Heating/cooling rate	0.001 K/min to 100 K/min (depending on furnace type)
Furnace hoist	Motorized double hoist for two furnaces or one furnace combined with the ASC
Sensor types	DTA, DSC, DSC-c _p (quick and safe interchange)
Temperature Accuracy	1 K
Enthalpy accuracy	1 to 3%
c _p measuring range ¹	Up to 5 J/(g*K)
c _p Accuracy ¹	1 to 3.5%
Gas atmospheres	Inert, oxidizing, reducing, corrosive, vacuum
Vacuum-tightness ²	10 ⁻⁴ mbar (10 ⁻² Pa)
Gas control	3 integrated mass flow controllers (MFCs), flow rate 0-250 ml/min, plus 4 th optional
Automatic sample changer (ASC)	20 samples, removable carousel (optional)
Automatic evacuation	Software-controlled
Coupling to evolved gas analyzers	FT-IR, MS, FT-IR-MS, GC-MS, GC-MS-FT-IR, PulseTA® (optional)

¹ c_p, specific heat capacity

² Actual achievable vacuum depends on the selected evacuation system