

Specifications TGA L83

	TGA L83		
Temperature range	RT up to 1100°C		
Design	Top-loading		
Heating and cooling rates	0.001 up to 250°C/min		
TG	1	2	3
High Resolution	0.01 µg	0.02 µg	0.1 µg
Sample weight	Balance can read weight automatically		
Measuring range	5 g / ± 2500 mg (mass change)	25 g / ± 2500 mg (mass change)	35 g / ± 2500 mg (mass change)
Gas atmospheres	Inert, oxidizing, reducing, vacuum		
Vacuum	Up to 10E ⁻³ mbar		
Gas Dosage	Built-in MFC block with 3 gases (one purge gas and two reaction gases)		
Cooling rate	< 12 min (1100 °C - 100 °C)		
Sample holder	TGA		
Sample robot	90 positions		
Crucible	Pt, Al ₂ O ₃ , Au, Al, Ag etc.*		
EGA Couplings	Optional FTIR and/or MS or GC-MS		
Interface	USB		

* More on request