

THEMYS FLASH



MULTIPLE SIMULTANEOUS MEASUREMENTS

with a flexible balance integrating up to 5 weighing modules

HIGH ACCURACY & VERSATILE

hang-down symmetrical beam balance specifically designed for TGA applications

FAST HEATING AND COOLING

thanks to the unique design of its image furnace

FAST TEMPERATURE CYCLING CAPABILITY

to simulate some real material's ageing conditions

A VARIETY OF ATMOSPHERE CONDITIONS

with the possibility of operating under oxidative gas, inert gas, or vacuum

GENERAL

Temperature range (°C)	Ambient to 1200
Programmable heating rate (°C/min)	up to 600
Cooling time	<1 min from 1200 to 1000°C 15 min from 1000 to 200°C 15 min from 200 to 70°C
Maximum sample size	15x12 mm (rectangular samples) 12 mm diameter (disks)
Gas flow	Sample gas (inert or oxidative) and balance protection gas (inert)
Vacuum	Forced primary (< 5.10 ⁻² mbar)

BALANCE

Multi-modules balance	1 to 5 weighing modules, to be defined when ordered, with further upgrade possible	
Measuring range (mg)	Small	+/- 20
	Large	+/- 200
Maximum loading capacity (g)	35	
Balance resolution (small range) (µg)	0.0023	