


Thermal Gravimetric Analysis (TGA)

Model	TG 209 F1 Libra
Description	It measures mass change as a function of temperature and has an operating temperature of between 10 and 1100 °C. The TG 209 F1 Libra TGA also features a ceramic furnace making it more corrosion resistant. It is also vacuum tight enabling runs to be performed in vacuum, as well as in flowing gases. It also features a top loading furnace design which is more robust than many other TGA designs on the market.
Features	<ul style="list-style-type: none">• Temperature range: Ambient to 1100°C at the sample• Max. furnace temperature:>1100°C• Heating and cooling rates: 0.001 K/min to 200 K/min• Wide measuring range:2000 mg• Resolution:0.1 µg• Sample crucible volume: up to 350 µl• Atmospheres: inert, oxidizing, reducing, static, dynamic• Vacuum-tight assembly: up to 10⁻² mbar (1 Pa)
Accessories	JULABO Refrigerated & Heating Circulators (F32)
	
Required consumables	<ul style="list-style-type: none">• Gases: Oxygen and Nitrogen• Sample crucible (pans)

Photos



Contact

Dr. Ziad Abu El-Rub, Head of Pharmaceutical and Chemical Engineering

Eng. Ayat Fayez Abdullah Abu Daeij, Lab Supervisor

Email: ziad.abuelrub@gju.edu.jo ; Ayat.Abudaeij@gju.edu.jo