

Key Technical Data

NETZSCH

TG 209 F3 Tarsus®

Design	Top-loading
Temperature range	RT to 1000°C
Heating rate	0.001 K/min to 200 K/min
Cooling time	Approx. 25 min (free cooling in inert atmosphere); 12 min in He*
Max. sample weight/ measuring range	2 g
TGA resolution	0.1 µg
Motorized sensor lift	For easy and safe handling of sensor change
Interchangeable sensor types	<ul style="list-style-type: none">■ High volume samples / large masses■ High sensitivity (c-DTA®)■ Corrosion-resistant
Gas atmospheres	Inert, oxidizing, static and dynamic
Gas flow control	<ul style="list-style-type: none">■ Integrated frits■ Optional: mass flow controllers, free-standing gas control device
Time-controlled auto-cycle evacuation	Prior to measurement
Temperature calibration	c-DTA®, also for detection of endo- and exothermal effects; Curie standards
Mass calibration	Automated routine via integrated mass of 2 g ± 0.006 mg
Caloric effects	Endothermal and exothermal effects by c-DTA®
Crucibles	Pt, Al ₂ O ₃ , Au, SiO ₂ , Ag, ZrO ₂ , Al, etc. More upon request.
Automatic sample changer (ASC)	Up to 20 samples (optional)
Crucibles for use in ASC	Various types in one sample deposit
Software	<ul style="list-style-type: none">■ Comprehensive evaluation routines including <i>SmartMode</i>, <i>ExpertMode</i>, <i>AutoCalibration</i>■ Optional: <i>AutoEvaluation</i> and <i>Identify</i>

* At 22°C ambient temperature, 23°C chiller temperature

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