Technical Specifications

NETZSCH

	TG 209 **F3** *Nevio*	DSC 214 *Nevio*
Temperature range (max.)	RT to 1000°C	-170°C to 600°C
Cooling rate/heating rate (max.)	100 K/min / 200 K/min	500 K/min
Measuring range/ weighing range (max.)	2000 mg*	± 750 mW
Enthalpy accuracy	n/a	± 1%**
TGA resolution	0.1 µg	n/a
Indium Response Ratio	n/a	> 100
Exchangeable sensors	Yes	n/a
Cooling options	n/a	■ Air compressor: RT to 600°C ■ Compressed air: < 0°C to 600°C ■ Intracooler: -70°C to 600°C ■ Liquid nitrogen: -170°C to 600°C
Gas atmospheres	Inert, oxidizing, static and dynamic	Inert, oxidizing, static and dynamic
Mass flow controller for purge/protective gas	Optional, 3 (0 to 250 ml/min)	3, integrated (0 to 250 ml/min)
Gas flow regulation	With MFCs: software-controlled	Software-controlled
Automatic Sample Changer (ASC)	Optional	Optional
Software	min. *Proteus®* 8	min. *Proteus®* 8
Proteus® software extensions included	■ *SmartMode* ■ *ExpertMode* ■ *AutoCalibration* ■ *c-DTA®*	■ *SmartMode* ■ *ExpertMode* ■ *AutoCalibration* ■ (Advanced) *BeFlat®* ■ *AutoEvaluation* ■ *Identify*
Software extensions (optional)	■ *AutoEvaluation* ■ Temperature modulation ■ *Proteus® Protect* ■ *Identify* ■ *Peak Separation* ■ Kinetics Neo ■ *Thermal Simulations*	■ Temperature modulation ■ Specific heat capacity (c_p) ■ *Proteus® Protect* ■ *Purity Determination* ■ *Peak Separation* ■ *Kinetics Neo* ■ *Thermal Simulations*
Size (W x H x D) – incl. ASC, without physical connections	575 mm x 460 mm x 560 mm	350 mm x 445 mm x 560 mm

* minus weight of crucible
** for indium