



LINSEIS



L81 Thermal Balance



TG/STA L81-I

The LINSEIS L81 is designed as a top loading Thermo-balance, providing excellent drift stability, a robust design and highest TG and DSC/DTA reproducibility. All measuring systems are easily user exchangeable to ensure quick and simple system handling. The broad selection of furnaces (optional turntable) ranging from 150°C up to 2400°C and the large sample mass of up to 25g/3ml are unique features of this system.

The balance design provide for high vacuum ($10E-5$ mbar), inert, reducing, flowing or humidified atmosphere. Corrosive conditions can be analyzed with proper precautions. The system is capable of adapting residual gas analysis systems using an optional heated capillary.

Because of the vacuum tight design of the instrument, static and dynamic atmospheres are possible. An optional gas control box and a vacuum pump can be connected.



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Temperature range	-150 up to 500°C RT up to 1600°C RT up to 1750°C RT up to 2000°C RT up to 2400°C
Sample mass	25g
Resolution:	1µg
Measuring system:	E/K/S/B
Vacuum:	$10E-5$ mbar
Automatic evacuation:	optional
Gas control (optional):	up to 4 gases
Sample holders:	TG / TG-DSC / TG-DTA



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Products: DIL, TG, STA, DSC, HDSC, DTA, TMA, MS/FTIR, In-Situ EGA, Laser Flash, Seebeck Effect

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