

# THERMOGRAVIMETRIC ANALYSIS



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Thermogravimetric analysis is the technique used to analysis your product which measures the purity, composition, decomposition of substance while subjected to constant changes in temperature over time  
Used in Research, Chemistry, Thermodynamics, Pharmaceuticals, Petrochemical.  
Also known as Thermal gravimetric analysis, TGA.

## ANA61-1250 THERMOGRAVIMETRIC ANALYSIS

Industrial level widescreen touch structure is rich in information, including setting temperature, sample temperature, oxygen flow, nitrogen flow, differential thermal signal, various switch states, etc  
Use the gigabit network line communication interface, the universality is strong, the communication is reliable  
without interruption, supports the self-recovery connection function.  
The furnace body is compact, temperature rise and fall speed adjustable  
Water bath and heat insulation system, insulation high temperature furnace body temperature on the weight of the balance.  
Improved installation process, all adopt mechanical fixation; The sample support rod can be replaced flexibly and crucible can be matched with various models according to the requirements, so that users can have different Requirements

### SPECIFICATIONS

Model	ANA61-1250
Temperature Range	RT-1250°C
Temperature resolution	0.01°C
Cooling rate	0.1°C/min-30°C/min (When more than 100°C, Cooling rate Constant temperature can lower the temperature RT-1250°C at a cooling rate)
Temperature Fluctuation	±0.1°C
Heating Rate	0.1-80°C
Constant Temperature	RT-1250°C
Duration of constant temperature	0-300min (When more than 1000°C, the duration recommended to be less than 30 mins)
Balance measurement range	2g (optional range 10g, 50g, etc.)
Temperature Control mode	PID temperature control
Gas control	Nitrogen, Oxygen (automatic switching)
Weight resolution	10.0.01mg (optional other resolution 1ug, 0.1ug, 0.01ug,etc.)
Machine Size	0 cm*44cm*42 cm, 50kg (65kg, with the outer packing)
Standard Crucible size	10 mmx 6mm
Communication method	13.Gigabit gateway Communication methods
Power	12.1000W, AC220V 50Hz or customize other standard power sources

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