THERMOGRAVIMETRIC ANALYZERS

TGA-H150-U

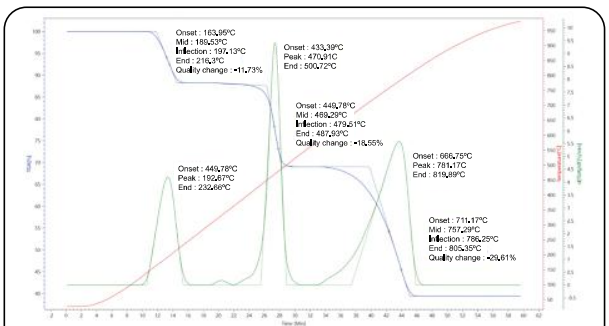
- Widely used in plastics, rubber, coatings, pharmaceuticals, catalysts, inorganic materials, metal materials and composite materials, etc.
- During the heating, constant-temperature or cooling process, observe the change in the sample's quality with respect to temperature or time
- The heating furnace is equipped with a double-row-wound platinum-rhodium alloy wire with low interference and high temperature resistance
- The tray sensor is meticulously crafted from high-temperature-resistant, anti-oxidant and corrosion-resistant platinum-rhodium alloy
- The water temperature stabilizing device isolates the heating effect from the micro-thermometer

SPECIFICATION

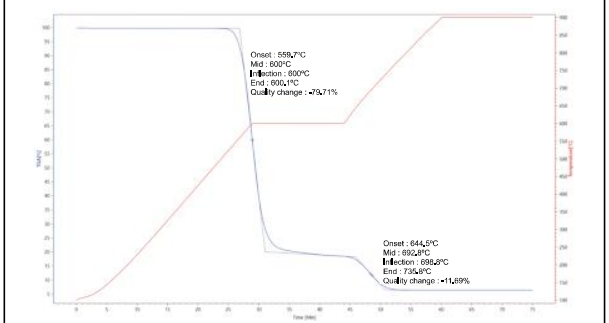
Part No.	TGA-H150-U	TGA-H350-U	TGA-H450-U
Temperature range	RT~1150ºC	RT~1350ºC	RT~1450ºC
Temperature resolution	0.01ºC		
Temperature fluctuation	±0.1ºC		
Temperature accuracy	±0.1ºC		
Temperature repeatability	±0.1ºC		
Heating rate	0.1~80ºC/min		
Cooling time	15min (1500ºC~100ºC)		
Temperature control method	heating, constant temperature, cooling		
Process control	achieve multi-stage temperature rise control		
Curve scanning	heating scan		
Sample weighing	1mg to 2g (can be extended up to 30g)		
Sample weighing accuracy	0.01mg		
Source gas	N_2 (≥ 99.99%)*		
Gas control	two-way automatic switching		
Gas flow	0~300mL/min		
Gas pressure	≤0.5MPa		
Constant temperature time	0~300 minutes (can be set arbitrarily)		
Data interface	USB		
Work environment	59~95ºF, ≤85%RH		
Power supply	AC 110V, 60Hz		
Dimension (L×W×H)	18.50×22.83×18.11"		
Weight	55.12lb		

*Self-preparation required for gas source, replaceable air or oxygen

APPLICATION



calcium oxalate testing



PVC testing

STANDARD DELIVERY

Main unit	1 pc
Sotfware	1 set
Crucible (TGA-H150-LG)	100 pcs
Press rod (TGA-H150-PR)	1 pc