

# LTGA-A10

## Automatic Thermogravimetric Analyzer



Automatic Thermogravimetric Analyzer LTGA-A10 is a high performance, efficient unit designed to study thermal stability of materials and its allied components. It offers a resolution of 0.1 °C and works between temperature range of room temperature to 1000 °C. Operates in an inert, oxidizing, reducible, static and dynamic atmosphere and possess two-way gas and control flow volume.

### Features

- LCD display
- Two-way gas and control flow volume
- Built-in gas flow meter
- Temperature control mode: Rising temperature, Cooling temperature, Constant temperature
- Software to record TG curves automatically
- Data processing and print data results
- RS232 interface

### Applications

Thermogravimetric Analyzer gives automatic analysis of Thermal stability, Moisture, Volatiles, Ash, Fixed Carbon Special application for Coal & Coke.

### Specifications

Model	LDBSC-A10
Temperature range	Room temperature to 1000 °C
Temperature resolution	0.1 °C
Temperature fluctuation	±0.1°C
Heating rate	1 ~ 80 °C / min
Cooling time	15min (1000°C ~ 100°C)
Balance measuring range	1mg~2g (Can be extended to 30g)
Resolution	0.1 u g
Constant temperature and time	0 ~ 300min (set arbitrarily)
Atmosphere	Inert, oxidizing, reducible, static and dynamic
Power	AC220V, 50Hz