

**KASON DTA-1200 Thermal Analyzer****Application:**

DSC measures the relationship between temperature and heat flow related to the internal thermal transformation of materials, which has a very wide range of applications, especially material research and development, performance testing and quality control. Properties of materials such as glass transition temperature, cold crystallization, phase transition, melting, crystallization, thermal stability, oxidation induction period, oxidation induction temperature, specific heat capacity, curing/crosslinking, are the research and development areas of DSC.

**Feature:**

1. New furnace body structure, good resolution and resolution and better baseline stability instrument master chip
2. Digital gas flowmeter, control purge gas flow, data directly recorded in the database
3. The instrument can adopt bidirectional control (host control, software control), friendly interface, easy to operate
4. Using Cortex-M3 kernel ARM controller, faster processing speed, more temperature control
5. USB two-way communication, convenient operation
6. 7 inch 24bit full-color LCD touch screen, friendly interface

## 7. Adopt professional alloy sensor

**Technical Parameters:**

Model	KASON DTA-1200
DSC range	0 ~ ±600mW
Temperature range	RT~600°C, air cooling (standard configuration)
Heating speed	0.1~100°C/min
Temperature resolution	0.01°C
Temperature fluctuation	±0.01°C
Temperature repeatability	±0.1°C
DSC resolution	0.01μW
DSC accuracy	0.01μW
DSC sensitivity	0.001μW
Gas flow	0-300ml /min
Display mode	24bit color, 7 inch LCD touch screen
Temperature control mode	Heating up, keeping temperature, cooling down (program control)
Display mode	LCD touch screen & PC software
Data interface	USB
Power supply	AC220V, 50Hz

# FOCUS IN MATERIAL TEST

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