



COLORIMETER BDSC-106

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DIFFERENTIAL SCANNING CALORIMETER

DSC is the company's highest precision differential. The sensor is made of imported e-couple with high sensitivity. Signal acquisition circuit shielding protection, strong anti-interference, high baseline stability.

The DSC is a touch screen type, which can be used for glass transition temperature test, phase transition test, melting and enthalpy test, product stability and oxidation induction period test. Wide range of application.



1. Industrial level 7-inch touch screen, display information rich.
 2. New metal furnace structure, better baseline and higher precision. Indirect conduction mode is adopted in heating, which has high uniformity and stability, and reduces pulse radiation, which is better than traditional heating mode.
 3. USB communication interface, strong versatility, reliable communication, support self recovery connection function.
 4. Automatic switching of two-way atmosphere flow, fast switching speed and short stable time. At the same time, a protective gas input is added.
 5. The software is simple and easy to operate.
- Furnace structure
Melting point, heat enthalpy, phase change temperature analysis :

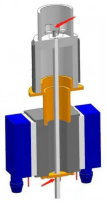
SPECIFICATIONS

Model	BDSC-106
Temperature range	Room temperature ~ 600°C, air cooling
Temperature resolution	0.01°C
Temperature fluctuation	±0.01°C
Temperature repeatability	±0.1°C
Heating rate	0.1~100°C/min
Constant temperature time	Program setting ≤ 24h
Temperature control mode	Heating, constant temperature, cooling (full automatic program control)
DSC range	0 ~ ±600mW
DSC resolution	0.01uW
DSC accuracy	0.001mW
Working power supply	AC220V 50Hz or customized
Atmosphere control gas	Nitrogen, oxygen (instrument automatic switch)
Gas flow	0~300mL/min
Gas pressure	0.3MPa
Display mode	24 bit color, 7 inch LCD touch screen display
Data interface	Standard USB interface
Parameter standard	With reference materials (indium, tin), users can adjust the temperature by themselves
Upper computer	Three-in-one operation software (also suitable for thermogravimetry and synchronous instruments)
Thermocouples	Several groups: one for sample, one for furnace body, and one for internal environment temperature
Alt Name	Differential scanning calorimeter

FEATURES

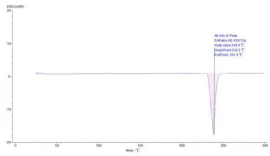
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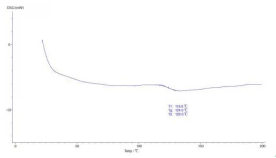


Furnace structure

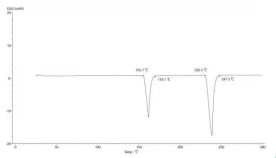
Melting point, heat enthalpy, phase change temperature analysis :



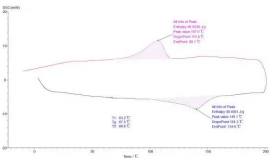
Glass analysis:



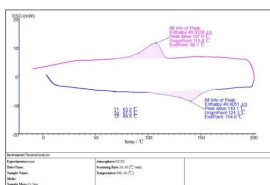
Initial melting point, final melting point analysis:



Analysis of two or more section lifting temperatures:



Test report:



Accessory:





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