PRODUCT CATALOG

DIFFERENTIAL SCANNING CALORIMETER BDSC-103

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Differential Scanning Calorimeter is designed to determine the inner heat transition relating to temperature and heat flow. Differential scanning calorimetry is fast, very sensitive and easy to use.
Used in Polymer Development, Performance Testing, Quality Control, Crystallization Process, Glass Transition Temperature, Oxidation Induction Time (OIT), Reaction Heat, Heat Enthalpy, Melting Point, Phase Transition.

BDSC-103 DIFFERENTIAL SCANNING CALORIMETER

New designed oven structure ensures high resolution and good stability of base line.

Air flow meter may control the air flow rate accurately, the test data can be recorded into the database directly.

The instrument is bilateral control, may be controlled by both main frame and software.

User-friendly interface, easy operation.

SPECIFICATIONS

Model	BDSC-103
DSC Range	0~±500 mW
Temperature Range	Room temperature~600°C~room temperature air-cooled
Heating Rate	1 ~ 80°C/min
Cooling Rate	1 ~ 10°C/min
Temperature Resolution	0.1°C
Temperature Fluctuation	±0.1°C
Temperature Repeatability	±0.1°C
DSC Noise	0.01 μW
DSC Resolution	0.01 μW
DSC Accuracy	0.1 μW
DSC Sensitivity	0.1 μW
Control Mode	Rising temperature, constant temperature(full automatic programmed control)
Curve Scanning	Rising scan, cooling scan
Atmosphere Control	Embedded digital flow meter and Software control
Display	24 bit color 7 inches LCD touch screen display
Data Interface	standard USB connector
Parameter Standard	equipped with standard material, with a key calilbration function, the user may correct temperature and heat enthalpy

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