



**DIFFERENTIAL SCANNING CALORIMETER
BDSC-102**

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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-102 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-102
DSC Range	0~±500 mW
Temperature Range	-100°C ~ 800°C
Heating Rate	1 ~ 80°C/min
Temperature Resolution	0.1°C
Temperature Fluctuation	±0.1°C
Temperature Repeatability	±0.1°C
DSC Noise	0.01 mW
DSC Resolution	0.01 mW
DSC Accuracy	0.01 mW
DSC Sensitivity	0.01 mW
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
Color	24 bit 7 inches LCD touch screen display
Data Interface	standard USB connector
Parameter Standard	equipped with standard material, with a key calibration function, the user may correct temperature and heat enthalpy



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