

Differential Scanning Calorimeter



Applications:

Differential scanning calorimeter can perform glass transition temperature test, phase transition test, melting and enthalpy value test, product stability, oxidation induction period test, specific heat and other tests. Mainly used in chemical, energy, metallurgy, mining, polymer materials, metal materials and other industries.

Features:

- \* EIndustrial-grade 7-inch touch screen with rich display information.
- \* The new furnace structure can be matched with various refrigeration devices.
- \* USB communication interface, strong versatility, reliable and uninterrupted communication, and supports self-recovery connection function.
- \* Automatically switch the two-way atmosphere flow, the switching speed is fast, and the stabilization time is short. At the same time, a protective gas input is added.
- \* The software is simple and easy to operate.

Technical Parameters:

Model	BK-DSC300L
Temperature Range	-170~650℃
Temperature Resolution	0.001℃
Temperature Fluctuation	±0.01℃
Temperature Repeatability	±0.1℃
Heating Rate	0.1~80℃/min
Constant Temperature Time	0~400min
Temperature Control Method	Heating, cooling, constant temperature
DSC Range	0~±600mW
DSC Resolution	0.001mW
DSC Sensitivity	0.001mW
Cooling Equipment	Liquid nitrogen refrigeration
Atmosphere Control Gas	Nitrogen, oxygen (automatic switching of the instrument)
Gas Flow	0-300mL/min
Gas Pressure	0.2MPa
Data Interface	Standard USB interface
Power Supply	Standard: 220V 50/60Hz, optional: 110V 50/60Hz
Packing Size	620*540*480mm
Gross Weight	25.5kg

Configuration List:

NO.	Accessory Name	Quantity	Remark
1	Main Unit	1 set	
2	Software U disk	1pc	
3	Communication Data Line	2pcs	USB data communication
4	Power Cable	1pc	
5	Aluminum Crucible	200pcs	
6	Ceramic Crucible	100pcs	For testing of highly corrosive samples
7	Furnace Cover	3pcs	multi-layer insulation
8	Raw Tape	1 volume	
9	Standard Material	1 each	Indium, Tin
10	10A Fuse	5pcs	
11	Sample Spoon/Sample Press/Tweezers	1pc each	
12	Dust Cleaning Ball	1pc	
13	Trachea (Including Joints)	2pcs	Φ8mm