

# SKZ1052B Differential Scanning Calorimeter



## Introduction:

DSC is designed to determine the inner heat transition relating to temperature and heat flow, it is widely used in the field of polymer development, performance testing & quality control. DSC research and development includes the following field: glass transition temperature, melting point, cold crystallization, crystallization, phase transition, oxidation induction time (OIT).

## Standards:

ISO/TR10837:1991, ASTM D3895-1998, ASTM E 967, ASTM E 968, ASTM E 793, ASTM D 3895, ASTM D 3417, ASTM D 3418, ISO 11357-6

## Main Features:

1. New designed oven structure ensures high resolution and good stability of base line;
2. Air flow meter may control the air flow rate accurately; the test data can be recorded
3. The instrument is bilateral control, may be controlled by both main frame and software.

## Technical parameters:

1. DSC range: 0~±500mW
2. Temperature range: room temperature ~ 800 °C air-cooled
3. Heating rate: 1 ~ 80 °C / min
4. Cooling rate \* : 1 ~ 20 °C / min (OPTIONAL)
5. Temperature resolution: 0.1 °C
6. Temperature fluctuations: ±0.1 °C
7. Temperature repeatability: ±0.1 °C
8. DSC noise: 0.01µW
9. DSC resolution: 0.01µW
10. DSC accuracy: 0.1 u W
11. DSC sensitivity: 0.1 u W
12. Control Mode: Rising temperature, constant temperature(full automatic programmed control)
13. Curve scanning: Rising scan, \*cooling scan (OPTIONAL)
14. Gas flow control: Embedded digital flow meter & Software control, automatic changing
15. Color: 24 bit 7 inches LCD touch screen display

16. Data interface: standard USB connector

17. Parameter standard: equipped with standard material, with a key calibration function, the user may correct temperature and heat enthalpy

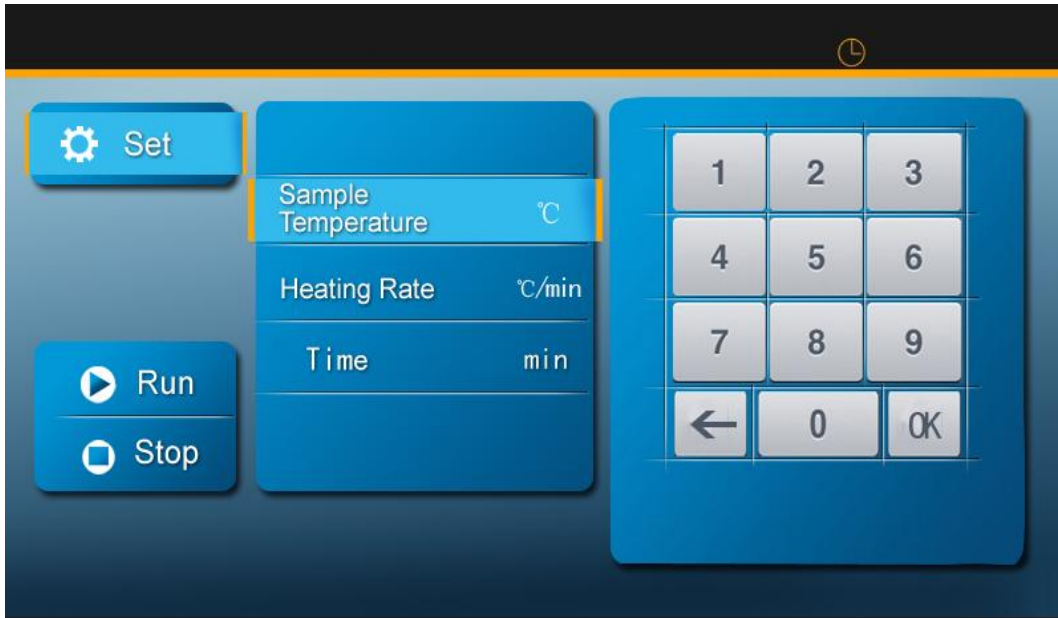
**Packing list:**

Host instrument	1
CD	1
Data Line	1
Power Line	1
Aluminum crucibles	400
Ceramic crucibles	100
Bag of pure tin grains	1
Fuse 4A	5
Operation manual	1
Warranty card	1
Certification	1

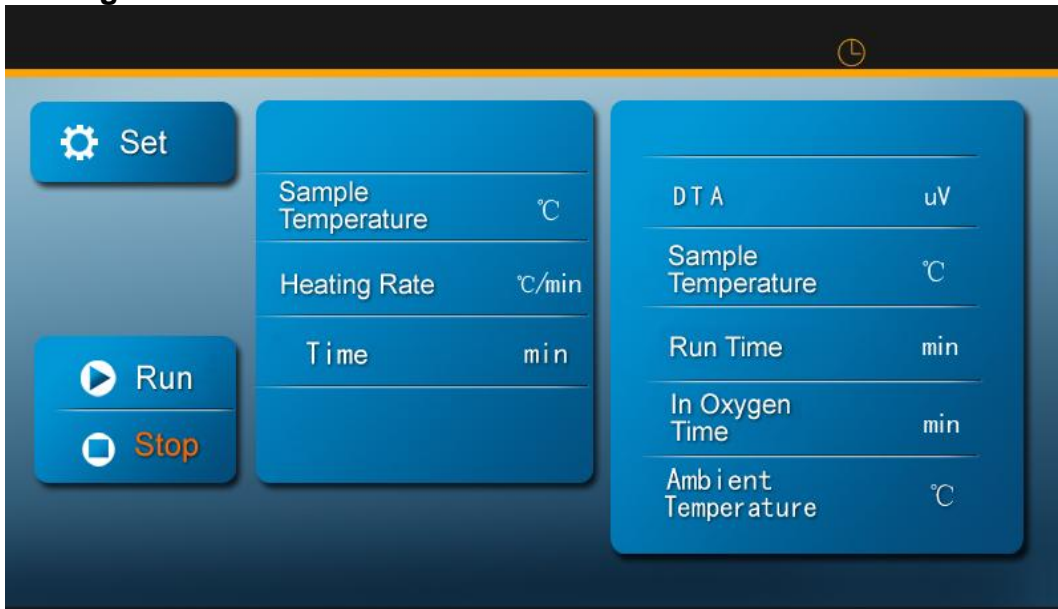


**Interface Operation :**  
**Boot Stop Interface**

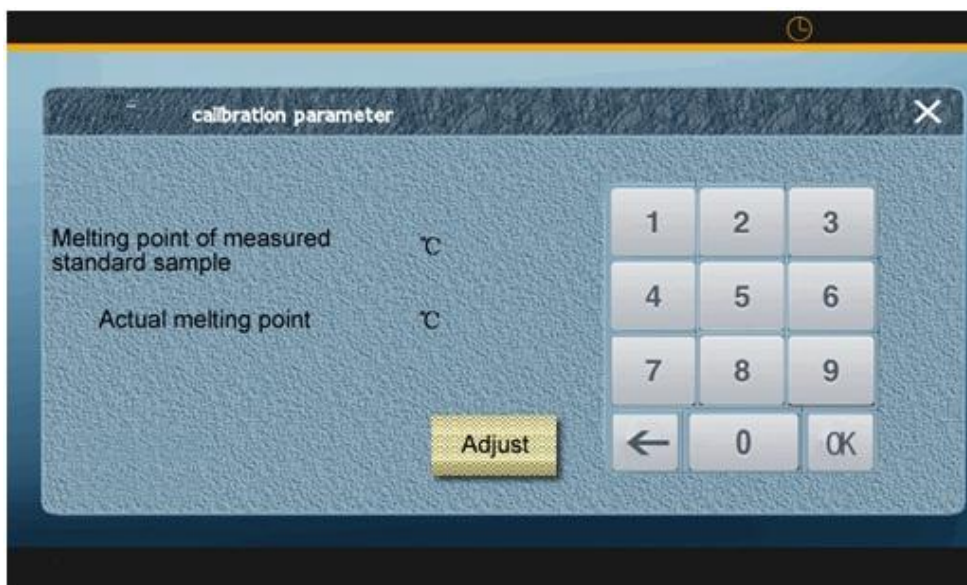
## Set Interface



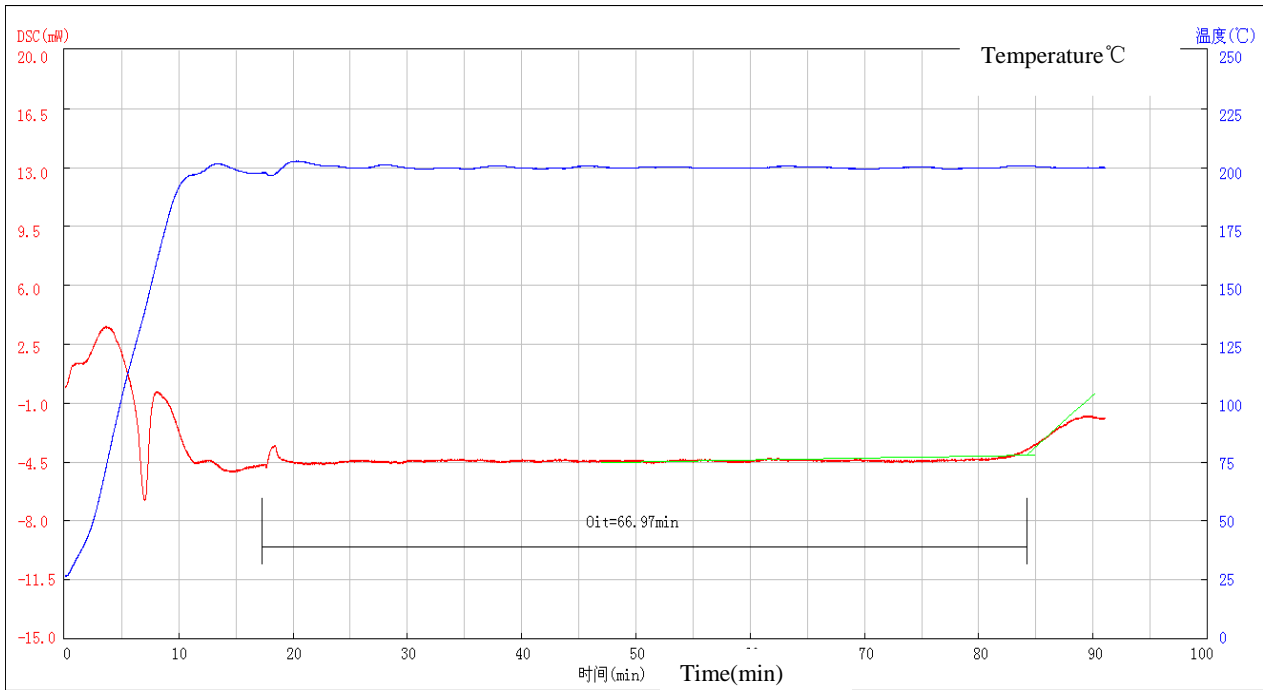
## Running Interface



## Temperature adjustment interface:



**Test Curves:**





## CERTIFICATE

of conformity

Low Voltage Directive 2006/95/EC & EMC 2004/108/EC

Certificate No. 0050120100324f

<b>Holder:</b>	SKZ Industrial Co., Limited Huaiyin District, Jinan, Shandong province, China
<b>Product Description:</b>	Differential Scanning Calorimeter
<b>Type And Model:</b>	SKZ1052
<b>Codes/Standards Applied:</b>	EN 61000-6-3:2007, EN61010-1-2010, EN61000-3-2:2006, EN61000-3-3:2008
<b>Technical Construction File</b>	
<b>Report Number:</b>	KZ-E069

This certificate of conformity is based on the technical construction file, We hereby certify that the above-mentioned product meets the requirements of Low Voltage Directive 2006/95/EC & EMC 2004/108/EC. Applied Codes And Standards.





Certificate of Conformity