

DSC - 3052

Differential Scanning Calorimeter



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

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. DCS 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 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. It is bilateral control, may be controlled by both main frame and software.

►► Technical parameters:

DSC range	0~±500mW
Temperature range	-100°C ~ 800°C Liquid nitrogen
refrigerationHeating rate	0.01 to 99.9°C/min
Cooling rate	1~20°C/min (Optional)(If cooling, For instant cool only, can not be Iso thermal below room temperature, and if heating up, can control its rate
Temperature resolution	0.1°C
Temperature fluctuations	±0.1°C
Temperature repeatability	±0.1°C
DSC noise	0.01μW
DSC resolution	0.01μW
DSC accuracy	0.1μW
DSC sensitivity	0.1μW
Control Mode	Rising temperature, constant temperature (full automatic)
Curve scanning	Rising scan, cooling scan (optional)
Gas flow control	Embedded digital flow meter & software control, automatic changing
Display	24 bit 7 inches LCD touch screen display
Data interface	standard USB connector
Parameter standard	With standard material, with 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	100
Ceramic crucibles	100
pure tin grains	1bag
Fuse 4A	5



Face of the instruments



Back of the instruments



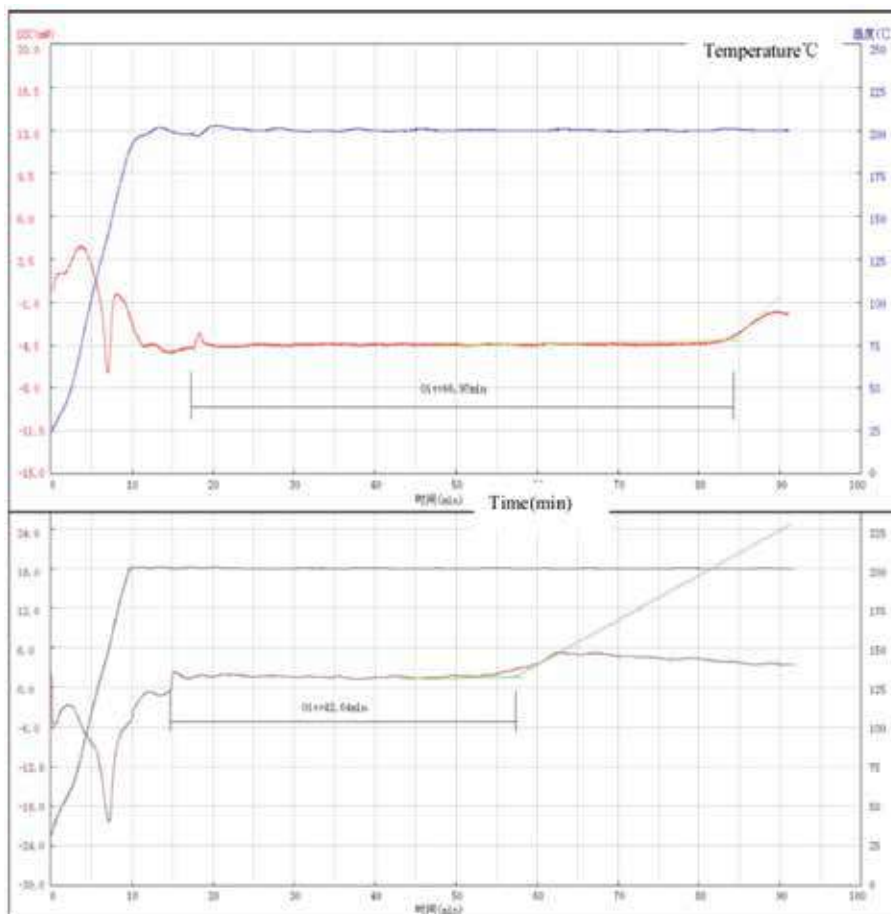
Interface Operation
Boot Stop Interface



Set Interface



Running Interface



Test Curves

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXIFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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