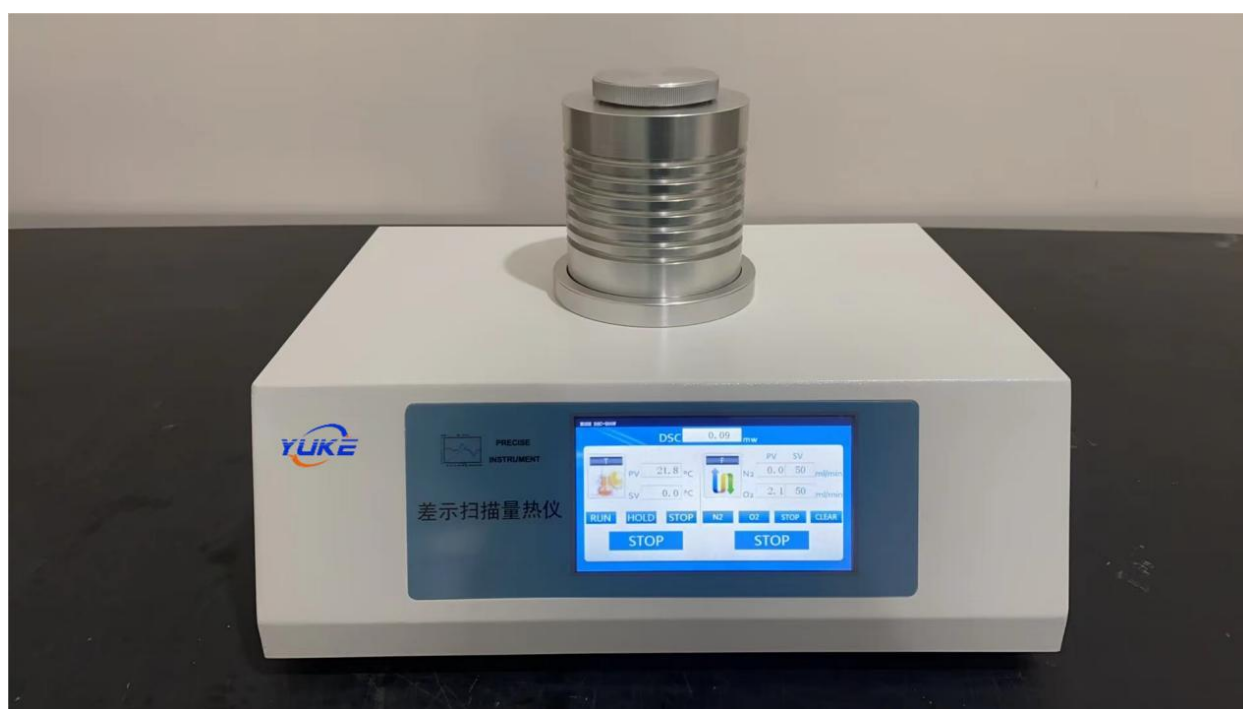


Differential scanning calorimeter **DSC-500W**



Main technical parameters:

Temperature range: 10 ~ 500 °C (with constant temperature water bath) or room temperature ~ 500 °C

Heating rate: 0.1 ~ 30 °C/min

Cooling rate: < =50 °C/min (equipped with constant temperature water bath) or < =20 °C/min.

Main feature

- Simple operation, no testing experience, only a small amount of training.
- The software is suitable for computer screens with different resolutions.
- Double temperature probes ensure high accuracy and repeatability.
- During the experiment, there is no need for personnel supervision.
- Digital gas mass flowmeter automatically switches two gas flows.
- Software can be upgraded online for free.
- Seven-inch LCD display, the map and curve are clear at a glance.

Technical parameter

DSC range	0~±200mW	temperature range	10 ~ 500°C (with constant temperature water bath) or room temperature ~ 500°C
heating rate	0.1~30°C/min	temperature resolution	0.01°C
Cooling rate	< =50°C/min or < =20°C/min	Temperature repeatability	±0.1°C
DSC accuracy	±2%	DSC resolution	0.001mW
DSC resolution	0.001mW	Temperature control mode	Full automatic control
Curve scanning	Heating scanning	Atmosphere control	Gas mass flowmeter
display mode	24bit color, 7-inch touch screen	working power supply	AC220V 50Hz/60Hz
Packing size	58*45*40	Gross weight	20KG

Application example

Measure physical and chemical changes related to heat, such as glass transition temperature, melting point, melting temperature, crystallization and crystallization heat, phase transition reaction heat, thermal stability of products, curing/crosslinking, oxidation induction period, reaction kinetics, specific heat, etc. Note: the thermal stability test during oxidation induction period is applicable to G B/T 1 7 3 9 1-1 9 9 8.

List of accessories for DSC-500W

serial number	Nominal name	quantity
1	Differential scanning calorimeter host	one
2	signal cable	one
3	Glass tube fuse (3A)	four
4	tweezers	one
5	Sample spoon	one
6	certificate	one
7	Pressure reducing valve connector	2



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8	Ventilation joint	four
9	Aluminum crucible (ϕ Φ 6.7 \times 3mm)	400
10	Standard samples (In, Sn, Zn)	0.5g each
11	Instructions for differential scanning calorimeter	one
12	Ventilation plastic pipe (blue)	3 meters
13	Ventilation plastic pipe (orange)	3 meters
14	Software encryption dog	one

Low temperature constant temperature bath (DC-0506)

Product Description:

DC series low temperature constant temperature bath is a high-precision constant temperature source with built-in cooling and heating. It can be used for constant temperature experiments in the water tank inside the machine, or connected to other equipment through a hose and used as a constant temperature source. It provides users with a field source with controlled heat and cold and uniform and constant temperature when working, and can be used as a heat source for direct heating or cooling and auxiliary heating or cooling.

Main features:

- Hidden push-pull drainage pipeline for easy drainage.
- Built-in BILON new generation temperature control program to ensure stable operation of the equipment.
- Fully enclosed compressor unit refrigeration, the refrigeration system has multiple protection devices for overheating and overcurrent
- The circulating pump can lead the constant temperature liquid in the tank to establish a second constant temperature field.
- The cold liquid in the tank can be led to the outside to cool the experimental container outside the machine, and low temperature and constant temperature experiments can also be carried out directly in the tank.
- Adopt XMT analog digital PID automatic control system, temperature digital display.
- The liner and countertop are all stainless steel, clean, hygienic, beautiful and corrosion-resistant.



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Technical parameters:

Temperature range (°C): -5~95

Temperature fluctuation (°C): ±0.05

Working tank volume (mm): 280×220×120

Circulation mode: internal and external circulation

Flow rate: 6 liters/minute

Working tank opening (mm): 180*140

Overall dimensions (mm): 350*320*600 (length*width*height)

Power supply: 220V 50Hz

Power: 1000W

