







DSC- 2200 differential scanning calorimeter (DSC)

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Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net



Product 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).

Main Features:

- •The Instrument is based on heat flux principle and temperature modulated
- New designed oven structure ensures high resolution and good stability of base line;
- Digital 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.
- Ceramic Sensor with chemical and corrosion resistance
- Instrument can flush inert gases such as Nitrogen, Argon, Helium, Air, etc. with software controlled mass flow controller

>> Technical parameters:

DSC range:	0~±500mW
Temperature range:	room temperature ~ 800°C air-cooled - 50 °C ~ 800 °C semiconductor refrigeration - 100 °C ~ 800 °C liquid nitrogen refrigeration
Heating rate:	0.1~ 100°C/min
Cooling rate:	0.1~ 50°C/min
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, cooling temperature (full automatic programmed control)
Curve scanning:	Rising scan, cooling scan
Atmosphere control:	Embedded digital flow meter & Software control
Display:	liquid crystal display (LCD)
Data interface:	RS232 interface
Parameter standard:	equipped with standard material (indium, tin, and lead), the user may correct temperature and heat enthalpy
Baseline stability:	<0.4mW
Temperature precision:	0.02°C

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HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicir	ng :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most
	affordable cost.
Trainings	:We also take up preventive Maintenace to reduce downtime of HPLC's Trainings.
AMC's/CMC	:AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-
	shooting.
Validations	:Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps, detector etc. on Rent.



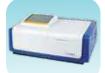


About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufaturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

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HEMA 2062 Hematology Analyzer



Chromatograph



Micro Plate Reader/Washer



Atomic Absorption

Spectrophotometer

URINOVA 2800

Urine Analyzer



Liquid Partical Counter



Total Organic Carbon 3800



Fully Automated Chemistry Analyzer CLIA

NOVA-2100

PCR/Gradient PCR/ RTPCR

TOC Analyzer

Laser Particle Size Analyzer

Ion Chromatograph

Water purification system



Regulatory compliances



Corporate Social Responsibility

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



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 personallities 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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