

HSS-3009A

Fully Automated Headspace Sampler



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Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

HSS-3009A is new generation headspace sampler which provides with unique technical features and independent intellectual rights.

Headspace sampling can significantly reduce the process of complicated and time consuming artificial preliminary treatment to volatile compounds in liquefied and solid samples. Therefore, it is extensively used to detect volatile organisms (detection of residual solvents) in samples for petrochemical, fine chemical, food brewing and food picking materials, environmental monitoring (water in rivers and lakes), sewage, medicolegal expertise, drinking water, cosmetics, coat and paint.

►► **Features:**

- High versatility---Can be connected with any GC instruments, and also easy operation.
- Oven capacity: Air ventilated oven with 12-seat electrically-driven carousel
- Exquisite design---This instrument features in delicate and exquisite design, which is precise and natural in appearance.
- High economy and durability---As manifested by long-term test, this Instrument is stable and durable
- Low residual adsorption---The complete pipeline is made of inert materials, heating is properly preserved.

►► **Instrument Parameters:**

1. Sample heating temperature range:
Room temperature-225 °C, with increment of 1 °C
2. Sample loop temperature range
Room temperature-300 °C, with increment of 1 °C
3. Sample transfer line temperature range:
Room temperature-200 °C, with increment of 1 °C
4. Temperature precision: < ±0.1 °C;
5. Max vials: 120 (extended up to 250 vial capacity)
6. Vial racks: 3 removable 40 vial racks
7. Vial type: 10ml and 20ml, or custom.
8. Repeatability: RSD ≤ 0.8 % (GC performance related); Sampling pressurization range: 0 ~ 0.4 Mpa (continuously adjustable); Purge gas flow rate: 0 ~ 20 ml/min (continuously adjustable).
9. Vial incubation time: 0.00 to 999.99 minutes
10. Pressure equilibration time: 0.00 to 5.00 minutes
11. Loop equilibration time: 0.00 to 5.00 minutes
12. Injection time: 0.00 to 999.99 minutes

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :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 Maintenance 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, Manufacturing, 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.

Our Products & Technologies



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Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



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:



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 DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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