

# HSS-3010

## Headspace Sampler



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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- Headspace Sampler "HSS-3010" is intended for introducing volatile components from matrices into the chromatograph, the introduction of which into the chromatograph is impossible or undesirable. Examples of such matrices are natural, drinking and waste water, soil, biological fluids, food products and drinks, various polymers, building materials, pharmaceuticals, etc. The use of HSS-3010 allows you to avoid contamination of the evaporator, column and chromatograph detector with non-volatile or low-volatile substances, avoid the consumption of the solvent required for extraction, increase the reproducibility of analyzes.

HSS-3010 implements the static method of injecting equilibrium vapor over the analyzed liquid (solid sample) in a thermostatted vial. HSS-3010 is a stand-alone product and can be used with any chromatographs.

The implementation of the mode of electromagnetic stirring of the sample allows to reduce the time of establishing equilibrium in the sample and to analyze more viscous samples, for example, oil or polymer melts.

The use of a syringe as a dispenser made it possible to quickly change the volume of the injected sample, eliminate the "memory" effect due to the syringe blowdown mode, and eliminate "dead zones" in the injection device and evaporator.

## ►► Specifications

- Sample containers thermostat temperature - from ambient temperature to 150 ° C.
- Temperature maintenance error - no more than 0.1 ° C.
- The volume of the container with the sample is 20 ml, it is possible to use bottles from 6 to 40 ml.
- The number of simultaneously thermostatted containers is 4.
- The dosed volume of equilibrium steam is up to 2 ml.
- Syringe temperature - from ambient temperature to 150 ° C.
- Gas consumption for purging is from 5 to 300 ml / min.
- Electric power supply from an alternating current voltage (220 index) V, frequency (50 ± 1) Hz.
- Overall dimensions (width × depth × height) - 350 × 270 × 170 mm.
- Power consumption - no more than 360 VA.
- Weight - no more than 6.5 kg.

## 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.

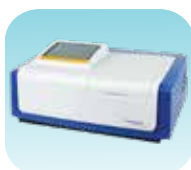
**Instruments** :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



## 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.

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Spectro 2080+  
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Chromatograph  
3007



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Chromatograph



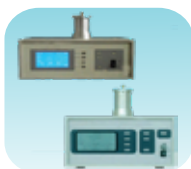
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Spectrophotometer



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](mailto: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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