

HMS-3600i

Helium Mass Spectrometer Leak Detector



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Technical Parameters

Vacuum Minimum Leak detection Rate : $3 \times 10^{-13} \text{ Pa} \cdot \text{m}^3/\text{S}$

Vacuum Leakage rate display range : $1 \times 10^{-1} \sim 1 \times 10^{-13} \text{ Pa} \cdot \text{m}^3/\text{S}$

Minimum Leak detection Rate for Sunction Gun : $5 \times 10^{-9} \text{ Pa} \cdot \text{m}^3/\text{S}$

Range of Leakage rate of Sunction Gun : $1 \times 10^{-1} \sim 1 \times 10^{-9} \text{ Pa} \cdot \text{m}^3/\text{S}$ (Zero)

Start time : $\leq 100\text{s}$

Response time : $\leq 0.3\text{s}$

Leak pressure : 25m bar

Main power supply : 100-120V/ 60Hz, 200-240V/50Hz

Working enviornment : Temperature 10-40°C, Humidity $\leq 75\%$

Language : English

Size : 620 X 370 X 1027 mm

Weight : 100kgs

Display units : $\text{Pa} \cdot \text{m}^3/\text{S}$, mbar.l/s, atm. cc/s, Torr • L/s ppm

►► Performance description

HMS-3600i series leak detector It is a silent mobile environmental friendly helium mass spectrometer with complete air compression and no oil mist pollution.

Using helium mass spectrometry and inverse diffusion principle, using 180° inhomogeneous magnetic field and automatic control technology.

With short start-up time, fast operation speed, high sensitivity, reliable performance, no pollutant removal, etc. Characteristics.

►► Functional characteristics

Large leakage detection function: can be through the preset pressure, empty time, cannot reach the preset value, leak detector automatic alarm prompt.

A variety of units of measurement selection, real-time update of detection data, direct output to generate Excel tables.

Rotatable, 7-inch color touch screen, the operator can adjust the direction according to the comfort, any way.

large leakage protection mode, fully protect the ion source from being oxidized and exposed to the atmosphere when the molecular pump is not impacted.

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



UV/VIS
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 @



 **Analytical**®
Technologies Limited

HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W. www.analyticalgroup.net
www.hplctechnologies.com
www.multiplelabs.com
www.ais-india.com

Sales & Support Offices:
across the country :
Distributors & Channel
partners World Wide

Note : Company reserves rights to add/delete/modify the contents / technical specifications of the catalogue without prior notice.