

EXPEC 236 Headspace Autosampler

Overview

EXPEC 236 automatic headspace sampler is a pre-processing device that puts the sample to be tested in a sealed and constant temperature system for gas-liquid or gas-solid equilibrium, and sends the balanced components to be tested to the chromatographic analysis. It has a new design based on static headspace pressurization technology, which realizes solvent-free and efficient extraction of liquid samples and solid samples.

EXPEC 236 has the functions of automatic leak detection/multiple extraction/multiple injection, etc. It is easy to operate and maintain, and improves the pretreatment efficiency of complex samples in an all-round way.



Advantages

High sample throughput

Sequential processing of up to 75-position samples, combined with dual moving sample trays and overlapping heating, significantly improves work efficiency.

Full inert treatment of the flow path

Low risk of cross-contamination, low loss of components, high reproducibility.

Full process high temperature design

300°C high temperature eliminates cold spots, strong detection ability, and extremely high analytical sensitivity.

Machine reinforcement design

Can be used in stationary and mobile laboratories.

Any combination

Can be used with various brands of GC instruments.

Precision control

Precise gas flow, time, temperature control system, high reproducibility and accuracy of analysis results.

Easy to operate

Automatically complete all process, the results are reliable;
Intuitive visual software interface, easy to operate.

Function assistant

The heating box has a built-in five-level vibration function to accelerate the gas-liquid balance of the sample and shorten the analysis cycle;
Overlap heating function increases sample throughput and saves pretreatment time;
System leak check of the complete flow path to effectively ensure data quality.

Specification

ITEM	INDEX	ITEM	INDEX
*Sample colling	Dual cooling position design	Transmission line temp	Room temperature: +5°C~300°C
Temperature set	Room temperature: +5°C~300°C	Valve box temp	Room temperature: +5°C~300°C
*Priority bit	3-position	Pressure control	EPC control
Quantitative volume	0.1mL, 0.5mL, 1mL, 3mL optional	Gas type	Nitrogen, Helium
*Calibration function	With automatic calibration function	Communication mode	LAN
*Automated way	XYZ three-coordinate form	Leakage detection mode	Automatic leakage detection
*Assistance function	5-stage sample shaking function/overlapping heating/multiple extraction	System function	Instrument alarms and maintenance logs
Repeatability	1.5%RSD	Working power supply	AC 220V±10%/50Hz
*Transmission line	Connect with GC inlet to realize tool-free quick-release design 360 ° protective sleeve design	Power	≤800 W

Application



Medicine



Makeup



Police investigation



Environmental science



Energy



Material science



Industrial packaging



Food science

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