



Gas chromatography mass spectrometry GC-MS-879

Description :

Gas chromatography mass spectrometry GC-MS is a high precision Gas chromatograph mass spectrometer with pre-filter mass analyzer and electron multiplier ensuring high sensitivity. Desorption for solids is performed at controlled temperature between 100 ~ 350 Â°C with a flow rate of 1 to 1.5 ml / min. With seven stage temperature programming and an interface temperature of 450 Â°C the analysis is sensitive and specific.

Specifications :

Gas Chromatography Specifications	Model No	Flow rate	Maximum flow rate	Inlet temperature	Pressure range
	GC-87	1 ~ 1.5 ml / min	10 ml / min	450 °C	0 ~ 100 psi
Mass Spectrometry Specifications	Model No	Mass range	Ion - source temperature	GC-MS interface temperature	Scan rate
	MS-89	1.5 ~ 1000 amu	100 °C ~ 350 °C	450 °C	Upto 1000 amu/

Features :

Column flow rate is 1 ~ 1.5 ml / min

Maximum flow rate is 10 ml / min

Simultaneous analysis with different components increasing productivity

Electronic flow control system

Mass analyzer with pre-filter reducing quadruple filtration

Turbo molecular pump vacuum system for stability and reliability

Software controlled auto sampler , gas chromatograph and mass spectrometer

Screens and quantifies more than 1000 compounds in a single run

Applications :

Used in identifying and quantifying volatile organic compounds in mixtures, testing residual solvents, identification of trace impurities in liquids or gases, evaluating extracts from plastics, contaminants on semiconductor wafers or other technology products



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