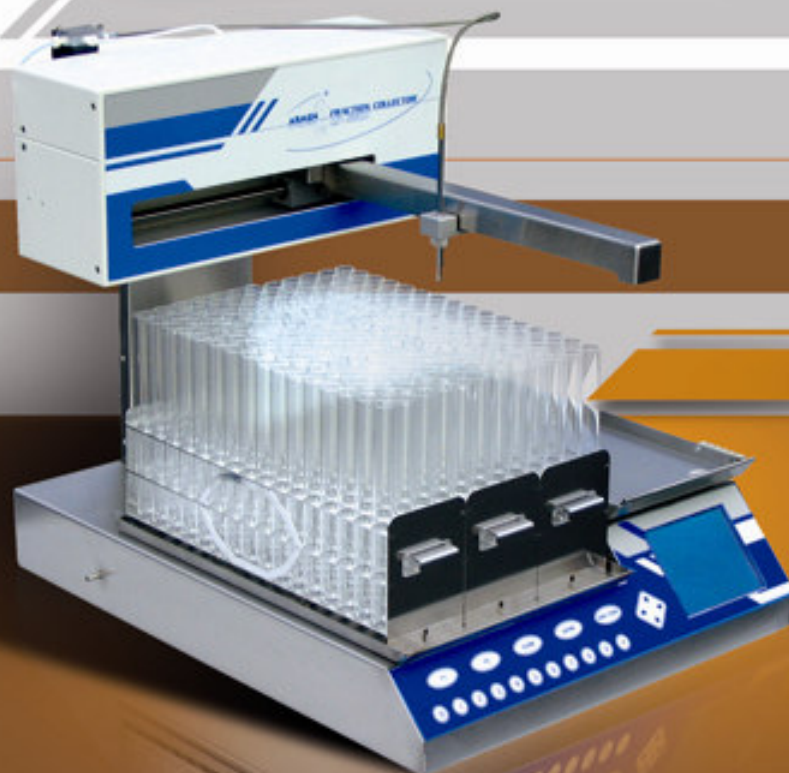




LS-5600

Liquid Chromatography

Fraction collector



> The innovative Fraction collector LS-5600 offers unequalled versatility for large variety of collection options.

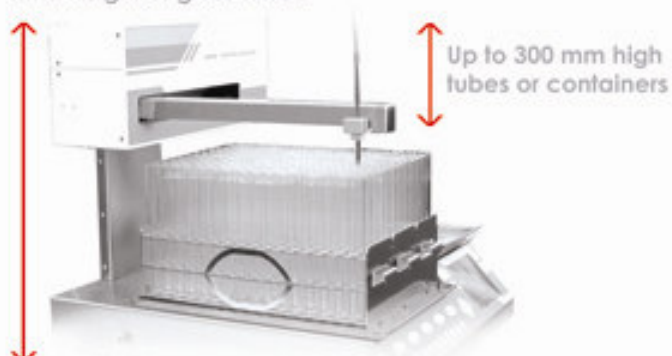
Stand alone solution to fully modular automated system
for precise collection
and bench space saving.

Built in 3-way valve to prevent cross contamination

Direct control through **LS-5600** interface as stand alone or control by computer through Armen Glider software

Adjustable level for all kind of collection volume

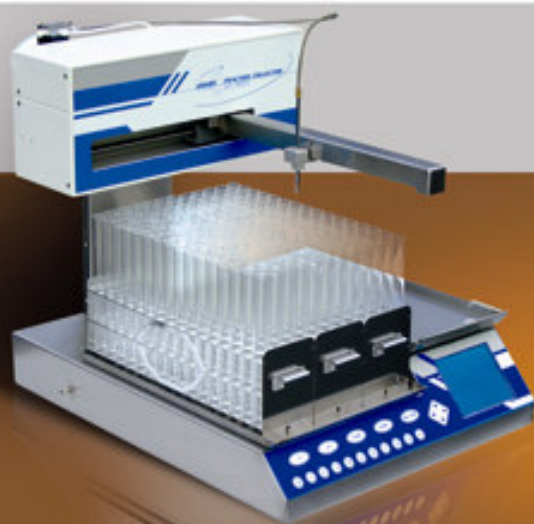
Collecting module can be lifted up and down depending on the size and height of glass tubes



Total volume with standard racks = 6.1 L
Maximum total volume = up to 8 L

A new way to set up modular LC system

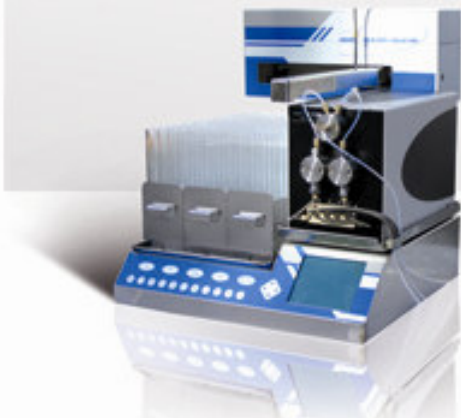
ARMEN Instrument **Fraction Collector**



The LS-5600 fraction collector offers large possibilities for connecting all kind of modules like pump, detector, column holder, software ... to set up your customized LC with the smallest foot print

LS-5600 + APF pump

- Integration of the very robust, high performance serial double piston APF pump offers direct control through the LS-5600 interface
- Superior flow rate range up to 300 mL/min, binary or quaternary gradient

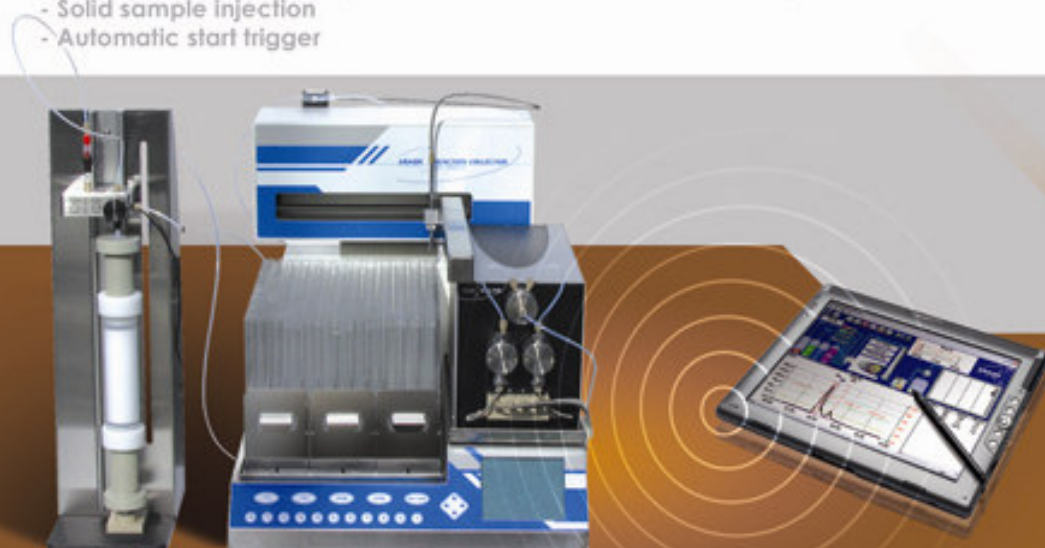


LS-5600 + APF pump + UV detector

- Integration of UV or UV-Vis detector using continuous flow preparative cell guarantying automatic fractionation of peaks and no loss of sample

LS-5600 + APF pump + UV detector + Column holder

- All flash columns with fittings from 2.5 g up to 1.5 kg can be connected
- Direct access to liquid injection without dead volume and sample loss
- Solid sample injection
- Automatic start trigger



LS-5600 + APF pump + UV detector + Column holder controlled by Armen Glider software

- Direct access to all chromatographic parameters while purification is running
- User friendly software on large high resolution touch screen
- Real time method development and optimisation using direct control mode and parameters download with "click and drag" feature
- Real time solvent and waste management
- Fully open column data base and automatic download of basic chromatographic conditions
- Automatic peak detection and collection (color-coded fraction identification)
- Dual trace acquisition interface

SPECIFICATIONS

Control : Integrated keypad and LCD display
Or control by computer via Armen Glider software

Collection capacity :

- 25 or 32 mL tubes x 192 (18 mm) as standard
- 110 mL tubes x 60 (30 mm)
- 75 mL tubes x 60 (28 mm)
- 60 mL tubes x 66 (25 mm)
- 35 mL tubes x 117 (21 mm)
- 22 mL tubes x 192 (16 mm)
- 9 mL or 6 mL tubes x 264 (13 mm)
- 96 well microplates x 3
- Tray platform for use of 6 x 250 mL (or 500 mL) containers
- Custom rack on request, up to 300 mm high tubes or containers

Collection method :

- Time windows, volume, on the fly : goes to any tube in one click, Time based programming : up to 8 programs of 40 steps
- With connected detector : signal level, signal level/time windows signal level/volume

I/O contact closure :

- START IN / STOP IN
- START OUT / STOP OUT / ADV
- CAN bus for Armen Flash pump connection
- Detector input +/- 1V
- RS-232 for software control

Power requirements : 220/240 VAC – 50 Hz (EU) or 110/120 VAC – 60 Hz (US)

Dimensions :

- Width : 440 mm
- Height : from 500 up to 630 mm
- Depth : 560 mm



ARMEN
INSTRUMENT

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