



HICHROM

Chromatography Columns and Supplies

LC CONSUMABLES
AND ACCESSORIES
Hichrom Fluid
Processors

Catalogue 9

Hichrom Limited

1 The Markham Centre, Station Road
Theale, Reading, Berks, RG7 4PE, UK

Tel: +44 (0)118 930 3660 Fax: +44 (0)118 932 3484

Email: sales@hichrom.co.uk www.hichrom.co.uk

HICHROM FLUID PROCESSORS

- Increase productivity
- Save time with unattended fluid switching operation
- Available in stainless steel or PEEK

The HiPRO modules are a range of stand-alone ready-to-use, automated fluid processors. These units increase productivity and save time and money by eliminating repetitive, manual switching. The stainless steel and biocompatible PEEK models can both be used with a wide variety of solvents.

Two-Position Fluid Processors

- Automates on-line sample enrichment, stripping and backflushing for decreased analysis time
- Automates two column selection
- Automates sample loop selection and simultaneous injection on to 2 columns
- Automates multi-dimensional chromatography for simultaneous sample clean-up and analysis
- Automates sample injection
- Useful for LC-MS calibrant and reagent addition

HiPRO two position fluid processors include both 6- and 10-port configurations (stainless steel and PEEK). Both analytical and preparative scale models are available, which are effective up to flow rates of 30ml/min and 1000ml/min respectively.



Figure 3. Two position, 6-port fluid processor

Two Channel Selector with By-Pass

- Reduces equilibration time during solvent changeover
- Automates selection between 2 columns or detectors without breaking connections
- Eliminates cross contamination of eluent during column change

The two channel selector with by-pass performs injection applications while providing continuous system flow.

Six-Position Solvent Selector

- Automates solvent selection without pump shut down
- Automates large volume repetitive fraction collection
- Adds automated step-gradient capability to isocratic pump

These HiPRO solvent selectors support up to six different solvents, buffers or eluents for isocratic and step gradient applications (see figure 4).

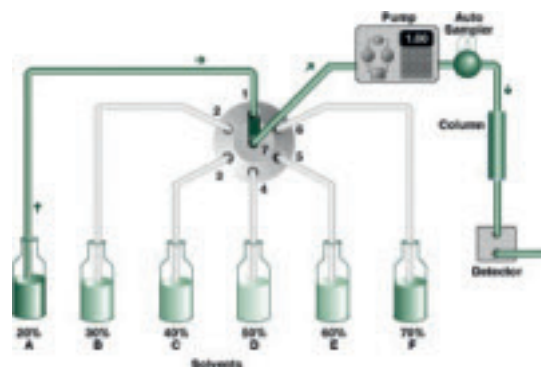


Figure 4. Solvent selection with six-position solvent selector

Ten-Position Fluid Processors

- Accelerates and simplifies method development
- Automates selection of up to 10 samples
- Automates 10 column selection (2 valves required)
- Ideal for chiral screening
- Eliminates need to disconnect and reconnect fittings

The ten position fluid processors automate repetitive switching tasks between up to ten positions to boost selectivity.

Ordering Information

Description	Catalogue Number	Price
2-position 6-port fluid processor (SS)	HV-700-100	
2-position 6-port fluid processor (PEEK)	HV-750-100	
2-position 10-port fluid processor (SS)	HV-700-102	
2-position 10-port fluid processor (PEEK)	HV-750-102	
2-position 6-port preparative scale fluid processor (SS)	HV-700-112	
2-position 6-port preparative scale fluid processor (PEEK)	HV-750-112	
6-position 7-port selector (SS)	HV-700-105	
6-position 7-port fluid selector (PEEK)	HV-750-105	
10-position 11-port fluid processor (SS)	HV-700-107	
10-position 11-port fluid processor (PEEK)	HV-750-107	
2-Channel selector with by-pass (SS)	HV-500-101	
6-position solvent selector (1/8" tubing)	HV-100-106	