



# HICHROM

Chromatography Columns and Supplies

**LC CONSUMABLES  
AND ACCESSORIES  
Solvent Recyclers**

**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](mailto:sales@hichrom.co.uk) [www.hichrom.co.uk](http://www.hichrom.co.uk)**

## SOLVENT RECYCLERS

In most isocratic HPLC systems, a high percentage of the eluent can be recycled and reused, which is more environmentally friendly and saves money by reducing solvent consumption and disposal costs. Solvent recyclers automatically detect eluting peaks and divert them to waste, whilst sending clean, uncontaminated solvent back to the reservoir for recycling.

### SolventTrak™

- Saves up to 90% of isocratic HPLC solvent consumption
- Unique peak detection algorithm accurately defines peaks and diverts them automatically to waste
- Returns reliably clean solvent to mobile phase reservoir

The SolventTrak™ solvent recycler is easily installed into any isocratic HPLC system. It automatically detects eluting peaks and diverts them to waste using an inert solvent diverter valve. All clean, uncontaminated solvent is sent back to the reservoir for reuse. SolventTrak incorporates a unique integration algorithm to accurately detect peaks in the eluent, so that contaminants are eliminated, even if chromatography system conditions cause the baseline to drift up or down.

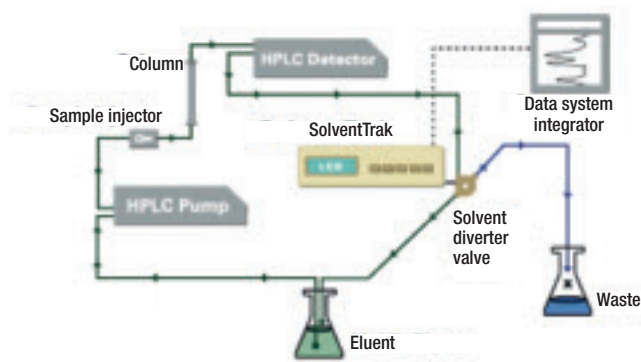


Figure 1. Isocratic LC system with SolventTrak recycler

### Ordering Information

Description	Catalogue No.	Price
SolventTrak HPLC solvent recycler	100-300	
SolventTrak clean-up valve	100-312	

### SRS Pro Solvent Recycler

- Compatible with any isocratic HPLC system
- Saves up to 90% of HPLC solvent consumption
- Compact, easy to use design
- Powered directly from USB connection to instrument PC

The SRS Pro solvent recycler is a small compact instrument, powered directly from the chromatography data system PC through a USB connection, eliminating the need for a power adaptor. Easy to use software is provided to configure the system parameters and to perform on-line monitoring and audit trail facilities. When the input signal level exceeds the threshold value, the SRS Pro redirects the eluent flow to waste (a), taking account of the transport time from detector to switching valve. The eluent switches back to the reservoir at (b) – see Figure 2.

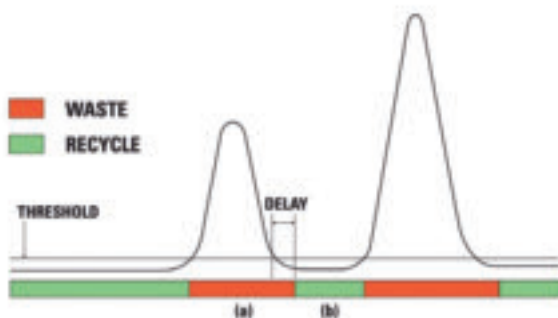


Figure 2. Operation of SRS Pro



SRS Pro solvent recycler

### Ordering Information

Description	Catalogue No.	Price
SRS Pro solvent recycler	66001-001	