

# Prochrom® Hipersep Skids

Preparative and Industrial HPLC Solutions



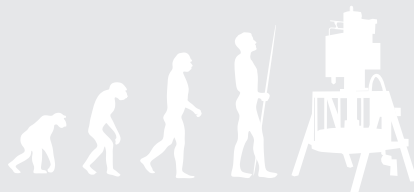
Get the best preparative HPLC purification, every time with Prochrom® Skids



Prochrom® Hypersep skid XXL

Chromatography Solutions

- High performance, high reproducibility
- Accurate and consistent gradient
- Automated automation for linear and easy scale-up
- Explosion proof design (ATEX & Class Div)
- GAMP, FDA 21CFR Part 11 validated, simple and intuitive software
- Full regulatory compliance (FAT/SAT, IQ/OQ)



## Prochrom® Hipersep Skids Best-in-Class HPLC skids for pharmaceutical applications

With a strong track record in developing, using and supplying preparative HPLC solutions, Novasep offers state-of-the-art Prochrom® HPLC skids for intermediate purification and polishing of APIs, biologics and other small molecules, from development to large-scale commercial phase.

Get the best from chromatography  
with Prochrom® Hipersep skids



Ensure high reproducibility with our smart control system

Secure your purification process up to a PAT degree with our high level of instrumentation

Diaphragm pumps allowing easy cleaning, self priming and pulsation reduction

Save time and solvent consumption with our accurate gradient module (<1%)

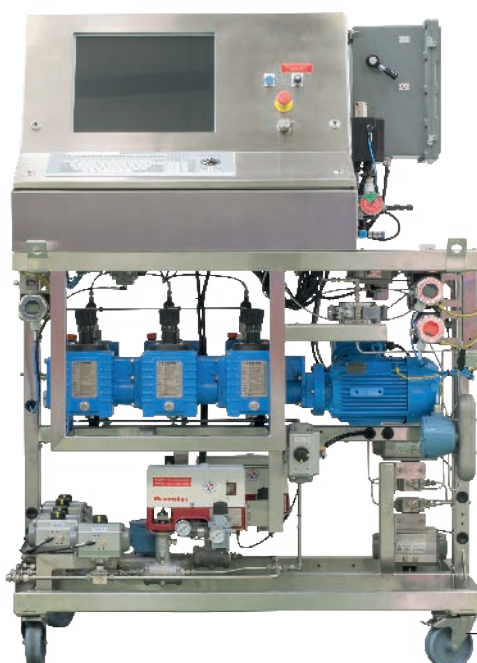
Save on your skid maintenance costs through our robust and industrial design made for 24/7 operations

Recover your product with efficiency using fraction collection

Modular configuration:  
heat exchanger, manual injection,  
backflush, pH/Cd, solvent recycling, filters...

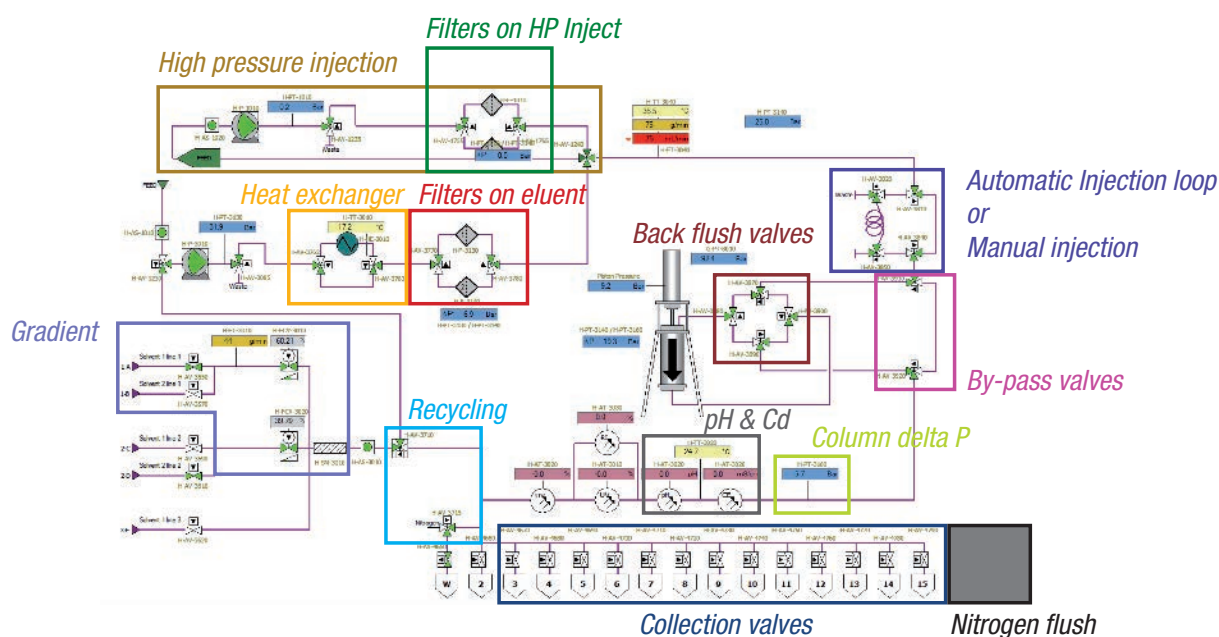
Secure your product with  
our special Novasep filter design

Optimize your product quantity with  
our high pressure injection module



Prochrom® Hipersep Lab II

# Design your own skid with our modular concept



# Whatever your scale, Novasep can provide the right solution

From lab to manufacturing scale operations

	Lab I	Lab 1.5	Lab II	XS	S	M	L	XL	Above	
<b>Productivity range (kg/day)</b>	0.01-0.2	0.02-0.3	0.02-0.3	0.05-5	0.1-5	0.2-20	0.5-40	40-140	Customi- zation	
<b>Typical Prochrom® diameter (mm)</b>	50/80	50/80/110	80/110	150/200	150/200	250/400	300/600	300/600		
<b>Flow rate (L/h)</b>	9/40	15/60	40/90	60/200	90/200	150/500	300/1000	500/2500		
<b>Gradient accuracy (%)</b>	< 2.5	< 1								
<b>Max pressure (bar)</b>	100									
<b>Explosion proof</b>	No	Atex Zone II Class 1 Division 2								
<b>Configurable options</b>	High pressure injection module, Eluent & feed filters, Heat exchanger, Backflush configuration valves, pH conductivity, Nitrogen flush for product recovery, Up to 10 collections, Solvent recycling									
<b>Electrical cabinet design following Amercian standards</b>	Optional									

## Simple and intuitive Hipersep® SC Software

### 21CFR Part 11 & GAMP 5 Ready Control Software

Hipersep® SC makes your chromatography processes user-friendly, robust and traceable:

- Intuitive recipe building
- Manual/automatic operations
- Real-time monitoring of all process parameters
- Several modes of smart, event-based fraction collection
- Batch management and historical data logging

# Fast Global Support



Capitalized on Novasep's know-how by becoming an expert on Novasep technologies with our wide range of training programs (equipment, process, maintenance, software).



Through our process development team, we have the possibility to develop, optimize and industrialize your valuable molecules.



Stay up to date with our software upgrade services package.



Maximize your up time by managing your OPEX with different levels of maintenance contracts.



Based on your needs, you have the best of Novasep readily on your site. Hot line available 24 hours a day, 7 days a week, to respond to any urgency.

Contact our experts: [novasep@novasep.com](mailto:novasep@novasep.com)



## Global Support Contact

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