

puriFlash® Columns



Silica HP - 50, 30 & 15 µm
High Flow rate & Resolution
Greater productivity
Less solvents consumption

Silica HX - 20 µm
Ultra High Capacity
Low backpressure

Silica Std - 40/63 µm
Irregular media
Economical

Silica HC - 50 µm
High Capacity
Low backpressure

Over 30 bonded phases immediately available, and more upon request

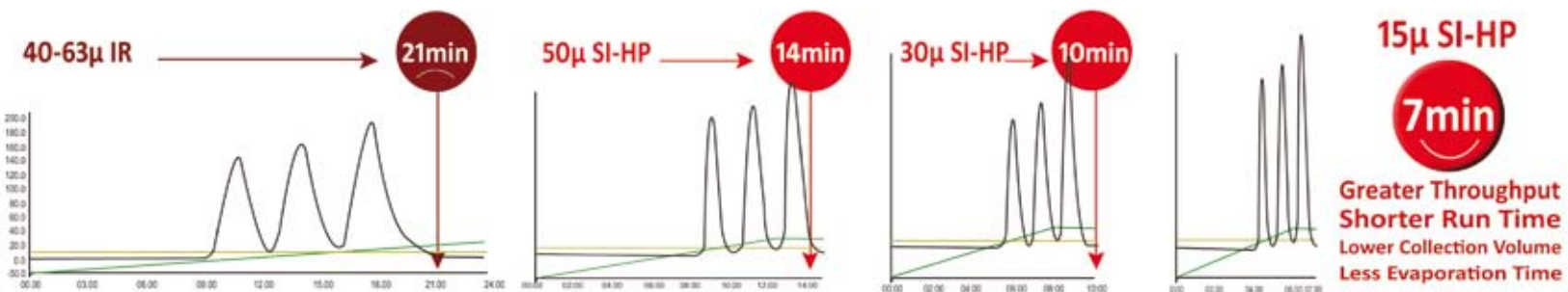
Manufactured by Interchim under proprietary packing technology

Equivalent results to a Prep LC column

Compatible with any Flash system

Stable up to 22 bar /308 psi

3 X Faster, "This is why I choose puriflash 15 µm"



Test Conditions :
Solvents : A : Hexane B : Ethyl acetate
Sample : 500mg/ml Dimethyl phthalate,
Diethyl phthalate, Dibutyl phthalate
UV : 254nm, 280nm

HotLine : + 33 4 70 03 73 01
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PURIFLASH® 800
800 ml/min @ up to 10 bar

Large Scale Purification
Flash columns up to + kgs

interchim.com

interchim

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For other countries,
please contact Interchim or your local distributor

PURIFLASH® 800

Ultra Performance Flash Purification™

"Experience the Evolution"

PURIFLASH® 800

Ultra Performance Flash Purification™

"Experience the Evolution"

Options ...

Unit Control
Touch Screen 10.5"
USB : 4
RJ45 / RJ11
Flexible Keyboard

Software
Interchim Software vers. 5.0

Fraction Collector
Racks : 4 racks - short



Pump
Flow rate : 800 ml/min
Pressure max. : 10 bar
Binary Gradient
Quaternary Gradient : option
Washing disc

Detection
UV : 200 - 600 dual wavelength collection
Flow Cell - optical length : 0.3 mm
Second Detector Channel

Injection
Direct - (fixed)
Injection mode : Liquid - Dry load
Large injection volume by external pump
6-ways electric valve w/loop : option

Column Holder
Integrated
Pre-column holder : option
Extension kit for large columns included

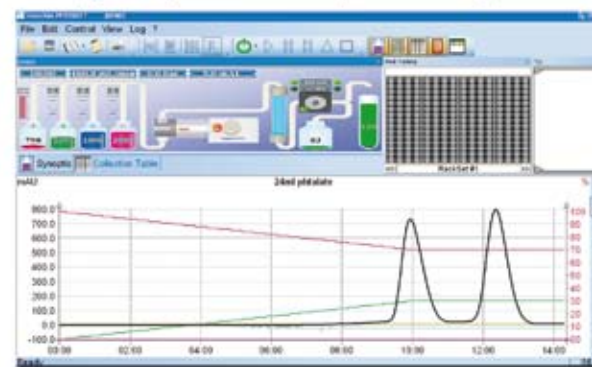
800 ml/min @ up to 10 bar

puriflash® 800 is the large scale purification machine that support columns up to 150 mm i.d. (@ optimum flow rate). The washing disc allows mobiles phases necessary to achieve purification of biomolecules by reverse phase.

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Interchim soft vers. 5.0 a friendly user interface

One screen to create the method, to launch the purification & to control the process during the purification up to the report.



User Profile definition :

- Customization of the GUI and its functions
- User profile management and password
- Definition of the reporting format

Unique features :

- TLC to Flash transposition
- Automatic gradient optimization
- Intelligent Continuous Mode - ICM™
- Dual triggered collection
- Timed auto shut-off
- Air purge

Pump
Bio-compatible pump
Quaternary Gradient

Detector
UV 200-840 nm (D2 + Halogen)
Integrated ELSD

Injection Valve
6-ways electric w/loop

Column Holder
Pre-column holder

Fraction Collector
Second fraction collector coupled
Drainage system of the tray collector
Fume enclosure
Funnel rack set

Unit Control
Bar code reader
CCD camera

Security solvent
Solvent level sensor 5-1 (global)
Security solvent bottle caps

Prep - Semi-prep LC columns upgrade kit

Additional feature

Load & Go™, an automated injection valve with loop manage either liquid or solid injection with column equilibration.

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