

puriFlash® 535-XL

Small Organic molecules	●●●●●●
Impurities Identification	●●●●●○
Natural Products	●●●●○●
Peptides, Oligonucleotides	●●●○●●
Proteins, Bio-drugs	●●○●●●
Metabolites Isolation	●●○●●●
Traces Enrichment	●●●●●●



Accuracy & Repeatability

400
ml/minup to
F160035
bar

Process - Kilo-Lab

Reliability and robustness with significant loading capacity.

Its reliability and robustness over time, as well as security features are the essential assets to make semi-continuous productions effective with up to hundreds of grams of the compound of interest. Continuity of production on the same device independently of the scale-up factor.

InterSoft® X
"Genius" Artificial Intelligence embedded
User-friendly
Click & Drag Gradient
Intelligent Isocratic Mode

Solvent tray w/drainage system

Unit Control
15" touch screen
Remote Control
USB x4 - RJ45

Injection
Liquid or Dry-Load injection
w/column equilibration.

Fraction Collector
2 long racks
112 tubes 18x150mm
Drainage system
Fume enclosure

Quaternary Gradient Pump
Air purge

Easy to Maintain
Built to last

Column i.d. up to
⇒ 100mm

Detection
UV: 200-400nm
(Multi wavelength & Scan collection
Spectral view & Purity confirmation)
Flow Cell: 0.3mm / 40µl
Pack-UVextended: UV: 200-800nm

Small footprint

Pack-CoilHolder:
Integrated flash column holder

P/N: PFXL02 (220v)
P/N: PFXL03 (110v)



PROCESS PURIFICATION

	Flash Purification Process 535-XL	Flash Purification Process 5.015-XL
Pump		
Flow rate	400mL/min	825mL/min
Max. pressure	35bar	15bar
Quaternary Gradient	yes	yes
Air purge	yes	no
Washing discs	no	yes
Pump washing discs (pack)	no	no
Detector		
UV: 200 - 400nm multi wavelength & scan collection	yes	yes
UV: 200 - 800nm multi wavelength & scan collection	pack-UVextended	pack-UVextended
Spectral view & purity confirmation	yes	yes
iELSD Detection (pack)	no	no
Injection		
4 ports electrical valve	no	no
6 ports electrical valve w/loop	no	no
6 ports + 10 ports electrical valves w/loop	no	no
Injection mode: liquid - Dry-Load	yes	yes
Column Selection valve		
6 ports electrical valve	no	no
System Optimization		
Tubing: after pump	1/8"x1.6mm id	1/8"x2.4mm id
Flow cell: optical length / Volume	0.3mm/40µL	0.3mm/80µL
Columns Holder		
Integrated	pack-CoilHolder	pack-Process
Pre-column holder	no	pack-Process
Fraction Collector		
Regular Collector	2 long racks 112 tubes 18x150mm	3 racks Gen5 42 tubes 29.5x200mm
Unit control		
Touch screen 15"	yes	yes
USB	4	8
RJ45	yes	yes
Software		
Intersoft® X	yes	yes
Safety		
Leak detection (pump, FC, iELSD, holders)	no	yes (except holders)
Solvent tray w/drainage system	yes	yes
Collector w/drainage system	yes	yes
Solvent & waste level monitoring	no	yes
RFID	no	yes
Fume Encloser	yes	yes
Size		
	W: 14" - 35.5cm D: 18.5" - 47cm H: 30" - 77cm	W: 15.75" - 40cm D: 20.0" - 51cm H: 29.5" - 75cm