

PURIFLASH[®] XS 420

Compact Flash Purification

- No Fume Hood
- >95% Recovery
- Skinniest Flash System

Flash Purification no longer requires a fume hood!

Safe bench-top installation with the integrated fume enclosure maximizes lab productivity by performing flash purification outside the fume hood.

- ❖ >95% Recovery, 1.0 mAU UV Threshold
- ❖ 4g - 800g Flash Columns
- ❖ 5 - 300 ml/min @ 20 bar / 290 PSI
- ❖ Less than 14 Inches Wide (13.9 x 18.5 x 29.5)
- ❖ Two Collection Racks, 18 x 150mm Tubes
- ❖ UV Diode Array Detector
- ❖ Reliable and Precise HPLC Pump
- ❖ 10 Second Switch, Normal to Reverse Phase
- ❖ TLC to Gradient Programming
- ❖ 15 Inch HD Touch Screen Controller
- ❖ Easy Access to UV Lamp and Flow Cell
- ❖ Collector Needle Wash, No Cross Contamination
- ❖ Install on a Bench, Outside the Fume Hood

puriFlash XS 420	Without Tablet PC
puriFlash XS 420+	With Tablet PC
puriFlash XS 420 U	With Tablet PC & Injection Valve

Fume Hoods are for Chemistry!

Purification of synthesis reaction mixtures, natural product extracts, proteins and peptides from mg to gram quantities are easily accomplished with the puriFlash XS 420. The multi-wavelength UV-DAD (diode array detection) includes real-time full spectra scanning to confirm purity. The heart of the instrument is the **iQuat gradient** HPLC pump which provides a quaternary gradient plus a dedicated purge line (A+B+C+D, i). A ten-second isopropanol purge prepares the flow path for either normal or reverse phase. The pump has 1% accuracy which allows for shallow gradients without having to pre-mix the mobile phase. Zero to 5% MeOH in DCM over 20 column volumes is accurate and reproducible.



interchim[®]

Purity ♦ Speed ♦ Peace of Mind

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