

CHIRALIZER™ SERVICES

LC-MS CONTAMINATION MINIMIZER™

- The CS3040, LC-MS Source Contamination Minimizer™. Automatically divert concentrated peaks away from most any brand MS source to reduce or eliminate MS inlet port clogging, contamination and down time. Will not add to your delay volume or compromise your separations.

AUTOMATED MS WATCHDOG™ FOR OPEN-ACCESS LC/MS SYSTEMS : This device monitors your HPLC system's UV detector analog output so that it can divert the solvent flow away from your MS inlet if the UV signal exceeds a pre-set value that you enter into the controller (usually a high mAU value for a very concentrated sample peak). The diverted flow stream can be sent to waste while an optional trickle flow of solvent can be supplied to the MS inlet (requires an optional, second pump). When the signal falls below the user set-point the valve will return normal flow to the MS inlet. This system includes a single SS high pressure, ultra-low volume valve with electronic actuation and control module with signal display. A 30" long controller cable allows mounting the diverter valve near your MS source to minimize delay volume. The controller will accept any analog UV/VIS input (-100 to +1999 mV's) and switch the valve position to waste when the input signal exceeds a user adjusted value (pre-programmed into the controller). The valve will switch back to the normal flow position when the input signal drops below the pre-set value. When used with an LC-MS system the unit can reduce the amount of high concentration samples that enter the MS inlet thus reducing the potential for plugging.



Unit includes a GLP style chart mark output for documentation purposes, a high resolution meter to monitor the detector signal input level, remote mount high-pressure SS valve (0.1 ul delay volume) as well as LED's indicating the current status. This module can be connected to most any manufacturers LC-MS system and will NOT compromise your separation.

Pricing: \$3,500 (USD) * Prices noted are subject to change. Please request a quotation.

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