

Hydrocarbon Trap for LC/MS (MS) and TOF/MS

Hydrocarbon Trap reduces hydrocarbon to trace levels for mass spectroscopy applications.

LC/MS(MS) or TOF/MS instrumentation has become extremely sensitive with increased resolution and processing speed. Thus it is imperative to remove background hydrocarbons for these very low trace determinations.

A hydrocarbon trapping device has been developed based on activated carbon and with minimum pressure loss.

- Remove hydrocarbons to extremely low levels (<15ppb)
- Improve signal to noise significantly
- Designed to be connected between a nitrogen gas generator and LC/MS(MS) or TOF/MS
- Ideal for all MS applications
- No loss of pressure
- Choice of 20 and 40 liters/min flow rates that can accommodate high gas flow rates
- Included 1/4 inch and 6mm fittings for use with most MS Systems
- Refilling Service
- 300 psi pressure limit (2.07MPa) and 572°F (100°C) temperature limit



P/N	Description	Size	Efficiency Limit	Pressure Limit	Temperature	Dimensions (L x O.D.) mm
S30001	Hydrocarbon Trap K. 20	750cc	<15ppb	300psig	100° C	336 x 70
S30003	Hydrocarbon Trap K. 40	1500cc	<15ppb	300psig	100° C	580 x 70

* Length is measured from endfitting to endfitting.

