

## FMS SuperVap 농축 시스템

안녕하세요. 제약, 식품, 환경(수질, 대기, 토양), 농산품 중 다이옥신, PCB, PAH, 잔류농약, 독성물질 등 자동 전처리 및 정제에 관심을 가지고 계시는 연구님께 FMS에서 신규 출시한 농축시스템을 알려드립니다

㈜라이오코리아는 FMS의 우수한 기술과 경험을 바탕으로 사용자 여러분과 미래 고객 분들의 요구에 부응할 수 있는 파트너가 되도록 노력하겠습니다.

No Water  
HEPA/Carbon filter  
500ul, 1ml and Direct to Vial

Part Number	Description
PVAP-USB-CB	USB Communications Cable
PVAP-EXH-PE	Exhaust tube
PVAP-CVR-TFE	Concentrator tube cover
PVAP-RAC-15ml	Rack for 15 ml Conical tubes
PVAP-RAC-GVC	Rack for 11 mm GC Vials
PVAP-RAC-60ml	Rack for 17 x 60 mm Vials
PVAP-RAC-100ml	Rack for 16 x 100 mm Vials
PVAP-RAC-200ml	Rack for 250 ml Concentrator tubes
PVAP-STA	Standalone SuperVap
PVAP-INTG	Integrated SuperVap
PVAP-UNI-GC	GC Vial Union
PVAP-TUB-1ml	250ml Concentrator tubes 1 ml tip
PVAP-TUB-500ul	250ml Concentrator tubes 500 ul tip
PVAP-FLT-HC	Hepa/Carbon Filte



[주] 라이오코리아

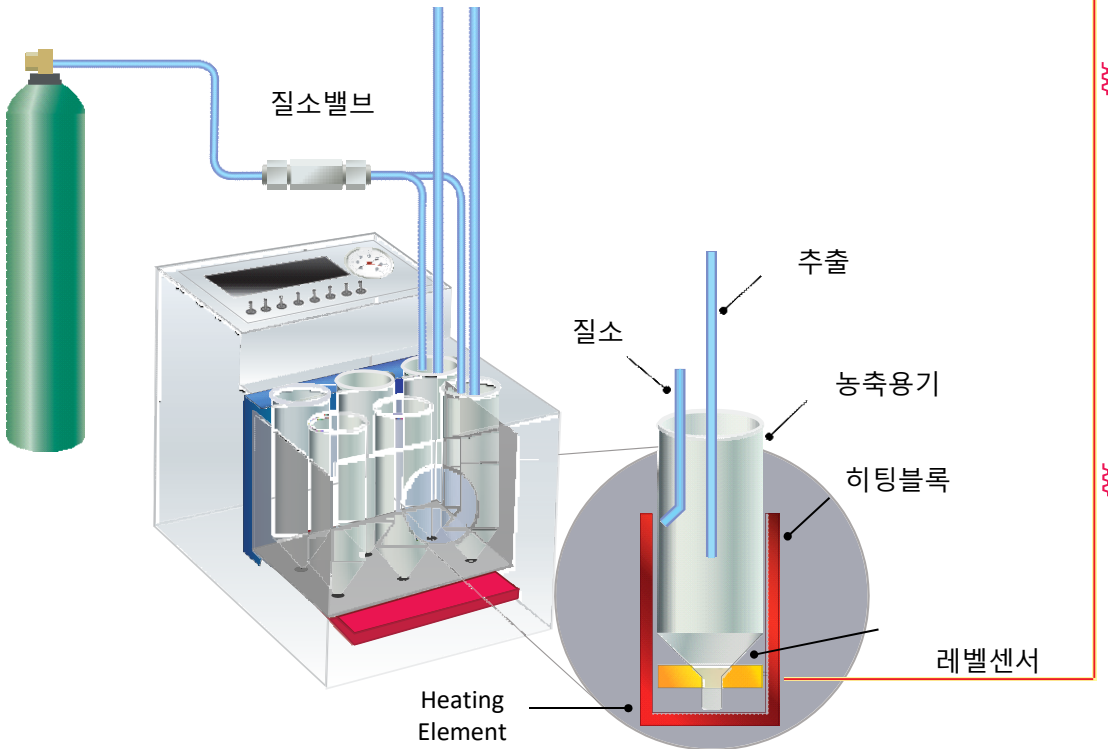
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# SuperVap 농축기

## Automated Direct to Vial Concentration and Evaporation



### EVAPORATOR & SOLVENT EXCHANGER

Alkanes		Compound	Percent Recovery
Compound	Percent Recovery		
Nonane (C9)	75%	Naphthalene	78%
Decane (C10)	77%	2-Methylnaphthalene	102%
Dodecane (C12)	88%	Acenaphthylene	83%
Tetradecane (C14)	92%	Acenaphthene	83%
Hexadecane (C16)	95%	Fluorene	87%
Octadecane (C18)	97%	Phenanthrene	89%
Nonadecane (C19)	97%	Anthracene	89%
Eicosane (C20)	98%	Fluoranthene	93%
Docosane (C22)	98%	Pyrene	90%
Tetracosane (C24)	99%	Benzo[a]anthracene	86%
Hexacosane (C26)	98%	Chrysene	95%
Octacosane (C28)	97%	Benzo[b]fluoranthene	90%
Triacosane (C30)	96%	Benzo[k]fluoranthene	93%
Hexatriacontane (C36)	97%	Benzo[a]pyrene	89%
		Indeno[1,2,3-cd]pyrene	90%
		Dibenzo[a,h]anthracene	89%
		Benzo[g,h,i]perylene	91%

Compound	Spike	Amount	Temp.	40 dreg. C
				Percent Recovery
Acenaphthylene	5	4.485 ug/ml		89%
Anthracene	5	4.24 ug/ml		84%
Benzo(a)anthracene	5	4.792 ug/ml		95%
Benzo(b)fluoranthene	5	5.804 ug/ml		106%
Benzo(k)fluoranthene	5	5.688 ug/ml		103%
Benzo(ghi)perylene	5	5.997 ug/ml		101%
Benzo(a)pyrene	5	5.281 ug/ml		105%
Butyl benzyl phthalate	5	4.488 ug/ml		89%
2-Chlorobiphenyl BZ# 1)	5	4.375 ug/ml		87%
Chrysene	5	5.057 ug/ml		101%
Dibenz(a,h)anthracene	5	5.674 ug/ml		103%
2,3-Dichlorobiphenyl (BZ# 5)	5	4.253 ug/ml		85%
Bis(2-ethylhexyl)adipate	5	4.44 ug/ml		88%
Bis(2-ethylhexyl)phthalate	5	4.488 ug/ml		89%
Diethyl phthalate	5	4.417 ug/ml		88%
Dimethyl phthalate	5	4.433 ug/ml		88%
Di-n-butyl phthalate	5	4.306 ug/ml		86%
2,4-Dinitrotoluene	5	4.239 ug/ml		84%
2,6-Dinitrotoluene	5	4.005 ug/ml		80%
Fluorene	5	4.4 ug/ml		88%
Hexachlorobenzene	5	4.093 ug/ml		81%
2,2',4,4',5,6'-Hexachlorobiphenyl (BZ# 154)	5	4.458 ug/ml		89%
2,2',3,3',4,4',6'-Heptachlorobiphenyl (BZ# 171)	5	5.105 ug/ml		102%
Hexachlorocyclopentadiene	5	4.328 ug/ml		86%
Indeno(1,2,3-cd)pyrene	5	6.677 ug/ml		103%
Isophorone	5	4.322 ug/ml		86%
2,2',3,3',4,5,6'-Octachlorobiphenyl (BZ# 200)	5	7.177 ug/ml		104%
2,2',3,4,6-Pentachlorobiphenyl (BZ# 98)	5	4.607 ug/ml		92%
Phenanthrene	5	4.3 ug/ml		86%
Pyrene	5	4.52 ug/ml		90%
2,2',4,4'-Tetrachlorobiphenyl (BZ# 47)	5	5.374 ug/ml		107%
2,4,5-Trichlorobiphenyl (BZ# 29)	5	4.003 ug/ml		80%
Pentachlorophenol	5	2.92 ug/ml		58%