



CDS™ Empore™, formerly 3M™ Empore™, Solid-Phase Extraction products utilize the patented high density membrane technology to maximize extraction efficiency with minimal elution volumes and less matrix interferences. Offered in disk, cartridge, and 96-well plate formats, CDS™ Empore™ SPE products are perfect for environmental, food and agricultural, biopharmaceutical, clinical diagnostic, and proteomics applications. CDS™ Empore™ is committed to maintain the same formula and manufacturing process to continue to deliver high quality and cost-effective Empore™ products that have been delivered to customers for more than 30 years.

Empore™ SPE Brochure

- **Solid Phase Extraction Disks,**
Cartridges,
96-Well Plates,
and EZ-Trace Workstation



Empore™ Extraction Disks

Sorbent	Suggested Application	EPA Method	Disk Size (mm)	Product Number	Catalog Number
C8 HD	moderately nonpolar	549.1	47	98-0604-0214-0	2214
			90	98-0604-0215-7	2314
C18 HD	highly nonpolar	506, 508.1, 525.2, 550.1, 608, 1613B	47	98-0604-0217-3	2215
			90	98-0604-0218-1	2315
C18 SD Fast Flow	highly nonpolar	--	47	98-0604-0220-7	2215FF
			90	98-0604-0221-5	2315FF
SDB-XC	water soluble, moderately polar analytes	515.2, 525.3	47	98-0604-0223-1	2240
			90	98-0604-0224-9	2340
SDB-RPS	moderately nonpolar and cation exchange	--	47	98-0604-0226-4	2241
			90	98-0604-0227-2	2341
SDB-XD	non-ionic surfactants	--	47	98-0604-0240-5	2242
Cation-SR Exchange	metals, amines	--	47	98-0604-0232-2	2251
Anion-SR Exchange	chromium, arsenic, selenium, carboxylic acids, etc.	548.1, 552.1	47	98-0604-0229-8	2252
			90	98-0604-0230-6	2352
Oil & Grease	nonpolar, dirty samples	1664	47	98-0405-0062-5	2270
			90	98-0405-0063-3	2370
Chelating	divalent metals and other cations	--	47	98-0604-0238-9	2271
Activated Carbon	water soluble and volatile organic compounds	--	47	98-0604-0235-5	2272
			90	98-0604-0236-3	2372

47 mm disks are available as a pack of 20 or case of 60 disks.
90 mm disks are available as a pack of 10 or case of 30 disks.

HD = High Density
SD = Standard Density

465 Limestone Road, Oxford, PA 19363-0277, USA
Tel: 800-541-6593 Fax: 610-932-4158
www.cdsanalytical.com

Empore™ Extraction RAD Disks

RAD disks are available as 47 mm disks in a pack of 20 or case of 60 disks.

Sorbent	Suggested Application	Product Number	Catalog Number	
Strontium	Sr-90	DOE method RP515	98-0405-0064-1	3290
Radium	Ra-228 Ra-226	903.1, 904.0, RA-195, RA-295, RA-395	98-0405-0065-8	3291
Technetium	Tc-99	TC-196	98-0405-0066-6	3292

Empore™ Extraction Disk Cartridges

1 mL cartridges available as a pack of 100 or case of 300.
3 mL cartridges available as a pack of 50 or case of 150.
6 mL cartridges available as a pack of 30 or case of 90.

Sorbent	Suggested Application	Size	Product Number	Catalog Number
C8-HD	Moderately nonpolar analytes	4 mm / 1 mL	98-0604-0188-6	4114HD
C18-SD	Strongly nonpolar analytes	4 mm / 1 mL	98-0604-0197-7	4115SD
C18-SD	Strongly nonpolar analytes	7 mm / 3 mL	98-0604-0198-5	4215SD
C18-SD	Strongly nonpolar analytes	10 mm / 6 mL	98-0604-0199-3	4315SD
SDB-XC (2-layer)	Moderately nonpolar analytes plus pi-pi interactions	10 mm / 6 mL	98-0604-0204-1	4340HD2
SDB-RPS (2-layer)	moderately nonpolar and cation exchange	10 mm / 6 mL	98-0604-0208-0	4341HD2
Anion-SR (2-layer)	chromium, arsenic, selenium, carboxylic acids, etc.	10 mm / 6 mL	98-0604-0504-4	4352HD2
Cation-SR (2-layer)	metals, amines	10 mm / 6 mL	98-0604-0508-1	4351HD2
Universal Resin (UR)	A range of basic, neutral, and acid compounds	7 mm / 3 mL	98-0503-0153-4	4245SD
Chelating	divalent metals and other divalent cations	7 mm / 3 mL	98-0604-0701-6	4371HD

Empore™ 96-Well Plates

96-Well plates are available by the plate or in a case of 12.

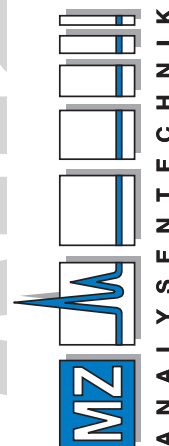
Sorbent	Suggested Application	Size (mL)	Product Number	Catalog Number
C8-SD	Moderately nonpolar analytes	1.2	70-2007-3981-4	6014SD
		2.5	70-2007-3986-3	6314SD
C18-SD	Strongly nonpolar analytes	1.2	70-2007-3982-2	6015SD
		2.5	70-2007-3987-1	6315SD
MPC-SD	Moderately nonpolar and ionized analytes	1.2	70-2007-3983-0	6030SD
		2.5	70-2007-3980-6	6330SD
SDB-XC	Water soluble, polar analytes	1.2	98-0405-0081-4	6040
		2.5	98-0405-0086-7	6340
SDB-RPS	moderately nonpolar and cation exchange	1.2	98-0405-0080-6	6041
		2.5	98-0405-0085-9	6341
Cation-SR Exchange	Metal, amines, positively charged analytes	1.2	98-0405-0082-2	6051
		2.5	98-0405-0087-5	6351
Anion-SR Exchange	chromium, arsenic, selenium, carboxylic acids, etc	1.2	98-0405-0083-0	6052
		2.5	98-0405-0088-3	6352
UR (Universal Resin)	Mixed phase suitable for hydrophilic (acidic or basic) and moderately hydrophobic analytes	1.2	98-0405-0075-7	6045SD
		2.5	98-0405-0077-3	6345SD
Filter Plate	Removal of visible particulates	1.2	DI-1000-1042-7	6065
		2.5	70-2007-3988-9	6360

HD = High Density
SD = Standard Density

Empore™ Accessories and EZ-Trace Workstation

Description	Suggested Application	Quantity	Product Number	Catalog Number
Filter Aid	Empore extraction disks	1.5 kg / bottle	98-0503-0076-7	FAID400
Sealing Tape Pad	sealing tape pad for 96-well plates	10 / 60	98-0604-0472-4	660
EZ-Trace	Universal compatibility with Empore 47/90mm SPE disks and cartridges, other vendor's disks, and traditional SPE cartridges	1	98-0604-0801-7	8000

AUTHORIZED DISTRIBUTOR
MZ-Analysentechnik GmbH, Barcelona-Allee 17 • D-55129 Mainz
Tel +49 6131 880 96-0, Fax +49 6131 880 96-20
e-mail: info@mz-at.de, www.mz-at.de



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