

CLEAN SCREEN XCEL® I

QUICK PREP



CLEAN SCREEN XCEL® solid phase extraction columns are designed to reduce the number of steps in the extraction. The result is a column that reduces sample prep times and minimizes the amount of solvent necessary. Additional advantages include reduced sample size and improved cleanliness and recovery.

Benefits:

- Conditioning of sorbent is eliminated
- Decreased extraction steps
- Reduced sample size
- Increased recovery values
- Increased sensitivity

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The XCEL I sorbent will extract a wide array of basic drugs including benzodiazepines and opiates.

Organic Loading = 12.4%
Surface Area = 500 m²/g

Average Pore Size = 60 Å
Pore Volume = 0.77 cm³/g

COLUMNS				
Tube Volume (mL)	Sorbent Amount (mg)	Units per Pack	Part Number	
1	130	100	CSXCE111	
3	130	50	CSXCE103	
3	130	500	CSXCE103-D	
6	130	50	CSXCE106	
6	130	500	CSXCE106-D	
6	200	50	CSXCE206	
10	130	50	ZSXCE010	
10	130	500	ZSXCE010-D	
WELL PLATES				
Number of Wells	Sorbent Amount (mg)	Units per Pack	Extended Drip Tip	Part Number
48	130	1	NO	WSH48XCE11
96	80	1	YES	WSH96XCE108-LD
96	130	1	NO	WSH96XCE11
96	130	1	YES	WSH96XCE11-LD

Quick Tip

When analyzing drugs such as Benzodiazepines, the addition of 2% ammonium hydroxide to ethyl acetate, as an elution solvent, has been shown to increase recoveries over ethyl acetate.