

Accelerated Solvent Extraction (ASE)

Accelerated solvent extraction is a common technique for fast and reliable extraction of organic materials from solid matrices, using EPA SW-846 Method 3545, Pressurized Fluid Extraction (PFE). Restek offers a wide range of replacement parts to keep your extraction system running smoothly.



Cell bodies are now serialized for easy sample identification.

Replacement Parts for ASE® 200 Systems, Manufacturer's Design

Extraction Cell Bodies for ASE® 200 Systems

- Cell bodies are now serialized for easy sample identification.
- Choose original equipment-equivalent stainless steel, or Siltek® deactivation for improved inertness.
- Inner surfaces polished, for easier cleaning.
- Caps include frit, washer, PTFE O-ring, and threaded insert.

Extraction Cell Body	Similar to		Stainless Steel		Siltek Treated	
	Dionex part #	qty.	cat.#	qty.	cat.#	
1mL for ASE 200	054973	ea.	26110	ea.	26111	
5mL for ASE 200	054974	ea.	26112	ea.	26113	
11mL for ASE 200	048820	ea.	26114	ea.	26115	
22mL for ASE 200	048821	ea.	26098	ea.	26099	
33mL for ASE 200	048822	ea.	26116	ea.	26117	

Extraction Cell Replacement Parts for ASE® 200 Systems

Description	Similar to		Stainless Steel		Siltek Treated	
	Dionex part #	qty.	cat.#	qty.	cat.#	
Replacement Extraction Cell End Caps for ASE 200	049450	2-pk.	26096	2-pk.	26097	
Cap Inserts for ASE 200		2-pk.	26166			
Replacement Frits for ASE 200	049453	10-pk.	26100	10-pk.	26101	

Description	Similar to		Stainless Steel		Siltek Treated	
	Dionex part #	qty.	cat.#	qty.	cat.#	
Snap Rings for Caps for ASE 200	049456	10-pk.	26184			
Funnel for ASE 200	056958	ea.	26180			
PTFE O-Rings for ASE 200 & ASE 300 Caps	049457	100-pk.	26187			
Viton O-Rings for ASE 200 & ASE 300 Caps	056325	50-pk.	26188			

PEEK™ Washers for ASE® 200 Systems

- Meet original equipment manufacturer's performance.
- Available in 4 quantities.

Description	Similar to Dionex part #	qty.	cat.#
PEEK Washers for ASE 200	049454	12-pk.	25256
		48-pk.	25257
		250-pk.	26120
		1,000-pk.	26229



20 mm Filters for ASE® 200 Extraction Cells

Description	Similar to Dionex part #	qty.	cat.#
Cellulose Filters for ASE 200	049458	100-pk.	26118
Cellulose Filters for ASE 200	049458	1,000-pk.	26190
Glass Fiber Filters for ASE 200	047017	100-pk.	26119

60 mL Sample Collection Vials for ASE® 200 Systems

- Cleaned, assembled, and ready to use.
- Caps and Teflon®-lined septa included.

Description	Color	Similar to Dionex part #	qty.	cat.#
60mL Collection Vials for ASE 200	Clear	048784	72-pk.	26121
60mL Collection Vials for ASE 200	Amber	048781	72-pk.	26122
Replacement Septa (24mm x 0.125" Teflon-lined silicone)		—	100-pk.	24694

26166



26180



26256



26119



26122

26121



Replacement Parts for ASE® 300/100 Systems, Manufacturer's Design

Extraction Cell Bodies for ASE® 300/100 Systems

- Cell bodies are now serialized for easy sample identification.
- Choose original equipment-equivalent stainless steel, or Siltek® deactivation for improved inertness.
- Inner surfaces polished, for easier cleaning.
- Caps include frit, washer, PTFE O-ring, and threaded insert.

Extraction Cell Body	Similar to		Stainless Steel		Siltek Treated	
	Dionex part #	qty.	cat.#	qty.	cat.#	cat.#
10mL for ASE 100	059793	ea.	26172	ea.	26173	
34mL for ASE 300/100	056646	ea.	26176	ea.	26177	
66mL for ASE 300/100	056696	ea.	26178	ea.	26179	
100mL for ASE 300/100	056693	ea.	26132	ea.	26133	



Cell bodies are now serialized for easy sample identification.

Extraction Cell Replacement Parts for ASE® 300/100 Systems

Description	Similar to		Stainless Steel		Siltek Treated	
	Dionex part #	qty.	cat.#	qty.	cat.#	cat.#
Replacement Extraction Cell End Caps for ASE 300	056921	2-pk.	26170	2-pk.	26171	
Cap Inserts for ASE 300		2-pk.	26167			
Replacement Frits for ASE 300/100		6-pk.	26174	6-pk.	26175	



Description	Similar to		Stainless Steel		Siltek Treated	
	Dionex part #	qty.	cat.#	qty.	cat.#	cat.#
Snap Rings for Caps for ASE 300/100	056778	12-pk.	26134			
Funnel for ASE 300/100	056699	ea.	26169			
PTFE O-Rings for ASE 200 & ASE 300 Caps	049457	100-pk.	26187			
Viton O-Rings for ASE 200 & ASE 300 Caps	056325	50-pk.	26188			

PEEK™ Washers for ASE® 300/100 Systems

- Meet original equipment manufacturer's performance.
- Available in 2 quantities.

Description	Similar to Dionex part #	12-pk.	48-pk.
PEEK Washers for ASE 300/100	061687	25393	25394



30 mm Filters for ASE® 300/100 Extraction Cells

Description	Similar to Dionex part #	qty.	cat.#
Cellulose Filters for ASE 300/100	056780	100-pk.	26168
Glass Fiber Filters for ASE 300/100	056781	100-pk.	26189



250 mL Sample Collection Bottles for ASE® 300/100 Systems

- Cleaned, assembled, and ready to use.
- Caps and Teflon®-lined septa included.

Description	Color	Similar to Dionex part #	qty.	cat.#
250mL Collection Bottles for ASE 300/100	Clear Glass	056284	12-pk.	26191
250mL Collection Bottles for ASE 300/100	Amber Glass	—	12-pk.	26260
Replacement Septa (24mm x 0.125" Teflon-lined silicone)		—	100-pk.	24694



also **available**

Diatomaceous Earth and Sodium Sulfate
 See page 398.

SAMPLE HANDLING | SAMPLE PREPARATION
Accelerated Solvent Extraction (ASE)



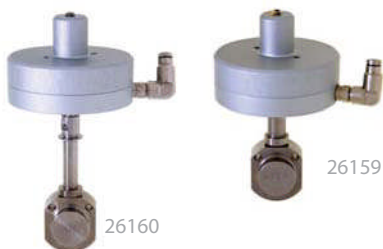
26161

26162

Autoseal Tip Assembly for ASE® 200/300 Systems

- Meets original equipment manufacturer's performance.
- Choose original equipment-equivalent stainless steel, or Siltek® deactivation for improved inertness and extended lifetime.

Description	Similar to Dionex part #	Stainless Steel		Siltek Treated	
		qty.	cat.#	qty.	cat.#
Autoseal Tip Assembly for ASE 200	048811	ea.	26162	ea.	26161
Autoseal Tip Assembly for ASE 300	056641	ea.	26246	ea.	26247



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Valves for ASE® 100/200/300 Systems

- Fits ASE® 100, 200, 300 systems.
- Meets original equipment manufacturer's performance.

Description	Similar to Dionex part #	qty.	cat.#
Pressure Relief Valve for ASE 100/200/300	048889	ea.	26159
Static Valve for ASE 100/200/300	048778	ea.	26160



26251



Tubing Assembly for ASE® 200/300 Systems

- Great value and improved design.
- Eliminates the need for the adaptor fitting on the static and purge valves.

Description	Similar to Dionex part #	qty.	cat.#
Tubing Assembly for ASE 200	049311	ea.	26251
Tubing Assembly for ASE 300	057059	ea.	26248



23998



Cell Organizer for ASE® Parts

- Convenient storage of extraction cell parts and consumables.
- 13 open bins provide easy visibility and organization for small and large pieces.
- Small footprint conserves valuable lab bench and drawer space.

Description	qty.	cat.#
Cell Organizer for ASE Parts, blue 13-bin unit, 12"L x 12"H x 7.5"D	ea.	23998



23996



Carrier Basket for ASE® Cells

- Sturdy stainless steel construction to carry full or empty ASE® cells and caps.
- Can hold twelve complete 33 mL cell assemblies and more of smaller sizes.

Description	qty.	cat.#
Carrier Basket for ASE Cells	ea.	23996

Resprep® Tools for ASE® Systems

- Use to insert filter in extraction cell or O-ring in cell cap.
- Fits all extraction cells, except 1 mL size.

2-in-1 Filter/O-Ring Insertion Tool Kit for ASE® 100/200/300

Inserting a Filter (ASE® 100/200/300 systems)
 Using Filter Insertion Attachments on Resprep® Tool Handle.



Screw the appropriate size attachment onto the end of the Resprep® Tool Handle.



Place a filter at the top of the extraction cell.



Push the filter to the bottom of the extraction cell.



26181

Inserting an O-Ring (ASE® 100/200/300 systems)
 Using Resprep® Tool Handle.



Place the O-ring over the tip of the tool.



Insert the tool into the center hole of the extraction cell cap.



Press the tool firmly inside the cap until the O-ring snaps into place.



26182



26183

Description	qty.	cat.#
2-in-1 Filter/O-Ring Insertion Tool Kit for ASE 100/200/300 (includes Resprep Tool Handle and Filter Insertion Attachments)	kit	26181
Resprep Tool Handle for ASE 100/200/300	ea.	26182
Filter Insertion Attachments (1mL, 5mL, 11mL, 33mL) for ASE 100/200/300	4-piece set	26183

Retaining Ring Pliers for ASE® 100/200/300 Systems

- Can be used for internal or external retaining rings.
- Works to remove retaining ring in all ASE® cell caps.

Description	qty.	cat.#
Retaining Ring Pliers for ASE 100/200/300	ea.	26185



26185

Cell Cleaning Brushes for ASE® 100/200/300 Cells

- Firm bristle brushes for easy cell cleaning and removal of solid samples.
- Range of sizes to fit all extraction cells for ASE® 100, 200, and 300.

Description	qty.	cat.#
Cell Cleaning Brushes	3-pk.	23999

