

## 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. All parts are economically priced to save you money and are designed to meet or exceed the performance of the original manufacturer's parts.

### Replacement Parts for ASE® 150/350 Systems, Manufacturer's Design

#### Extraction Cell Bodies for ASE® 150/350 Systems

- Cell bodies are serialized for easy sample identification.
- Smooth inner surfaces for easier cleaning.



Extraction Cell Body	Similar to Dionex Part #	Stainless Steel qty.	Stainless Steel cat.#
1 mL for ASE 150/350	068261	ea.	25993
5 mL for ASE 150/350	068262	ea.	25994
10 mL for ASE 150/350	068263	ea.	25995
22 mL for ASE 150/350	068264	ea.	25996
34 mL for ASE 100/300 and 150/350	056646	ea.	26176
66 mL for ASE 100/300 and 150/350	056696	ea.	26178
100 mL for ASE 100/300 and 150/350	056693	ea.	26132

#### Extraction Cell Caps for ASE® 150/350 Systems

- Smooth inner surfaces for easier cleaning.
- Caps include frit, PEEK washer, PTFE O-ring, threaded insert, and snap ring.

Description	Stainless Steel qty.	Stainless Steel cat.#
Replacement Extraction Cell End Caps for ASE 150/350	2-pk.	25997

# Q-sep® QuEChERS Products

Quick, Easy, Cheap, Effective, Rugged and Safe!

## Standards Available! Standards for AOAC QuEChERS Method 2007.01

See **page 575** for:

- AOAC IS Solution .....cat.# 31963
- AOAC TPP Solution .....cat.# 31964
- AOAC QC Spike Mix .....cat.# 31999

[www.restek.com/quechers](http://www.restek.com/quechers)



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

### Extraction Cell Bodies for ASE® 200 Systems

- Cell bodies are serialized for easy sample identification.
- Smooth inner surfaces for easier cleaning.

Extraction Cell Body	Similar to	Stainless Steel	
	Dionex Part #	qty.	cat.#
1 mL for ASE 200	054973	ea.	26110
5 mL for ASE 200	054974	ea.	26112
11 mL for ASE 200	048820	ea.	26114
22 mL for ASE 200	048821	ea.	26098
33 mL for ASE 200	048822	ea.	26116



Cell bodies are serialized for easy sample identification.

### Extraction Cell Caps & Replacement Parts for ASE® 200 Systems

- Smooth inner surfaces for easier cleaning.
- Caps include frit, PEEK washer, PTFE O-ring, threaded insert, and snap ring.

Description	Similar to	Stainless Steel	
	Dionex Part #	qty.	cat.#
Replacement Extraction Cell End Caps for ASE 200	049450	2-pk.	26096
Threaded Cap Inserts for ASE 200	—	2-pk.	26166
Replacement Frits for ASE 200	049453	10-pk.	26100
Replacement Frits for ASE 200	049453	100-pk.	25959



26166

Description	Similar to	Stainless Steel	
	Dionex Part #	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



26180

### PEEK Washers for ASE® 200 Systems

- Meet original equipment manufacturer's performance.
- Available in four 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



25256

### 20 mm Filters for ASE® 200 Extraction Cells

- Cellulose or glass fiber construction.
- Fit 11 mL, 22 mL, and 33 mL cells.
- Cellulose filters available in economical 1,000-packs.

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



26119

### 60 mL Sample Collection Vials for ASE® 200 Systems

- Cleaned, assembled, and ready to use.
- Clear or amber glass.
- Caps and PTFE-lined septa included.

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



26121

26122



26167



26169



26187



26174

26188



25393



26168



26191



26260

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

#### Extraction Cell Bodies for ASE® 100/300 Systems

- Cell bodies are serialized for easy sample identification.
- Smooth inner surfaces for easier cleaning.

Extraction Cell Body	Similar to Dionex Part #	Stainless Steel qty.	cat. #
34 mL for ASE 100/300 and 150/350	056646	ea.	26176
66 mL for ASE 100/300 and 150/350	056696	ea.	26178
100 mL for ASE 100/300 and 150/350	056693	ea.	26132

#### Extraction Cell Caps & Replacement Parts for ASE® 100/300 Systems

- Smooth inner surfaces for easier cleaning.
- Caps include frit, PEEK washer, PTFE O-ring, threaded insert, and snap ring.

Description	Similar to Dionex Part #	Stainless Steel qty.	cat. #
Replacement Extraction Cell End Caps for ASE 300	056921	2-pk.	26170
Threaded Cap Inserts for ASE 300	—	2-pk.	26167
Replacement Frits for ASE 100/300	—	6-pk.	26174

Description	Similar to Dionex Part #	qty.	cat. #
Snap Rings for Caps for ASE 100/300	056778	12-pk.	26134
Funnel for ASE 100/300	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® 100/300 Systems

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

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

#### 30 mm Filters for ASE® 100/300 Extraction Cells

- Cellulose or glass fiber construction.

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

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

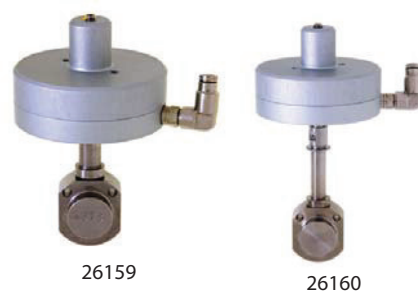
- Cleaned, assembled, and ready to use.
- Clear or amber glass.
- Caps and PTFE-lined septa included.

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

### 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



### 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.

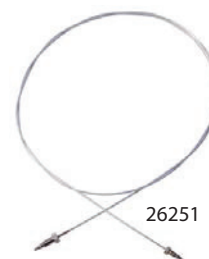
Description	Similar to Dionex Part #	Stainless Steel qty.	Stainless Steel cat.#	Siltek Treated qty.	Siltek Treated cat.#
Autoseal Tip Assembly for ASE 200	048811	ea.	26162	ea.	26161
Autoseal Tip Assembly for ASE 300	056641	ea.	26246	ea.	26247



### 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



### Cell Organizer for ASE® Parts

- Convenient storage of extraction cell parts and consumables.
- Thirteen 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



### 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



**SAMPLE HANDLING | SAMPLE PREPARATION**  
**Accelerated Solvent Extraction (ASE)**



- 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.

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



Screw the appropriate size attachment onto the end of the Resprep™ tool handle.



Place a filter at the top of the extraction cell.

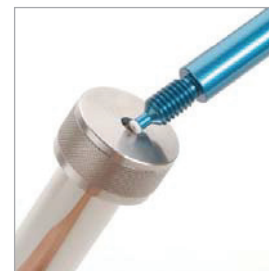


Push the filter to the bottom of the extraction cell.

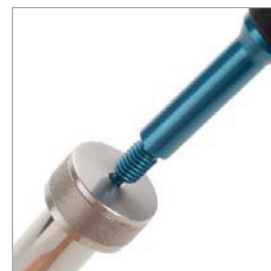
**Inserting an O-Ring Using Resprep® Tool Handle**  
 (ASE® 100/200/300 systems)



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.



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 (1 mL, 5 mL, 11 mL, 33 mL) 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



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

- Firm nylon 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