

Ex Extraction

Soxhlet Extraction Glassware Systems

Improved design prevents the trapping of liquid

Use these Soxhlet extraction systems to extract soluble components from a solid sample into an organic solvent. Place a sample in the thimble and heat the solvent contained in the flask. As the solvent vapors rise (passing through the extraction thimble), they enter the water-cooled condenser, and liquify. When the liquid level in the extractor reaches the top of the siphon tube, siphoning action returns the extract-enriched solvent to the flask.

Soxhlet-type extraction is used for continuous extraction of solids with a suitable solvent. The improved design includes a protected siphon tube, an enlarged vapor tube, and sloping seals to prevent the trapping of liquid. $\text{\$}$ joints connect the condenser to the extractor and the extractor to the flask. Uses paper, aluminum, or extraction thimbles (order separately below). Choose from a bulb-type Allihn condenser with a round bottom flask, a Friedrich condenser with a flat bottom flask. All flasks have $\text{\$}$ joints.

Purchase Soxhlet glassware as a complete assembly or as individual components.

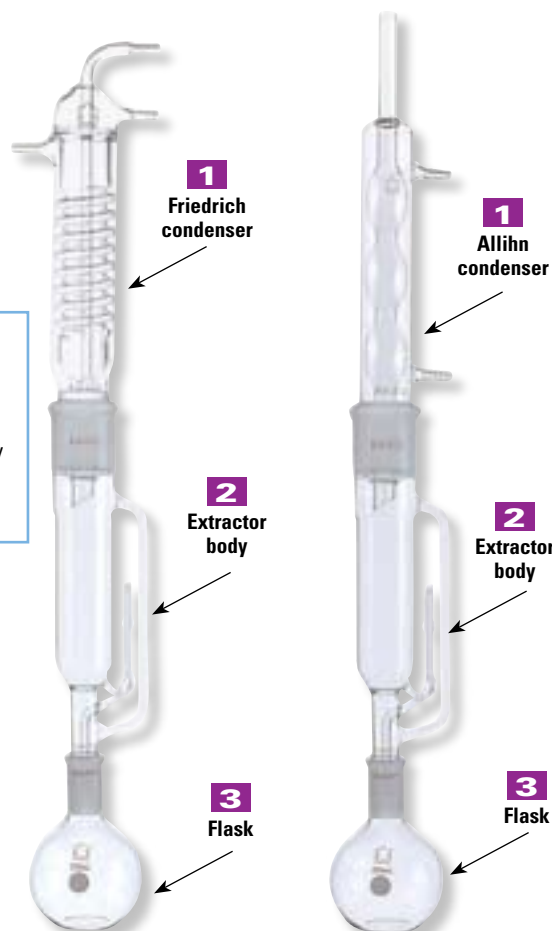
What's included in a complete assembly: condenser, extractor body, and flask.

Specifications & Ordering Information for Components

Catalog number	Description	Volume	Joint $\text{\$}$ Size	Price
Allihn-only glassware				
KH-99037-26	Condenser	125 mL	34/45	
KH-99037-28	Condenser	250 mL	45/50	
KH-99037-30	Condenser	300 mL	55/50	
Friedrich only glassware				
KH-99037-32	Condenser	125 mL	34/45	
KH-99037-34	Condenser	250 mL	45/50	
KH-99037-36	Condenser	300 mL	55/50	
Common Friedrich/Allihn glassware				
KH-99037-38	Extractor body	125 mL	Top: 34/45 Bottom: 24/40	
KH-99037-40	Extractor body	250 mL	Top: 45/50 Bottom: 24/40	
KH-99037-42	Extractor body	300 mL	Top: 55/50 Bottom: 24/40	
KH-99037-44	Flat-bottom flask	125 mL	24/40	
KH-99037-46	Flat-bottom flask	250 mL	24/40	
KH-99037-48	Flat-bottom flask	300 mL	24/40	
KH-99037-60	Round-bottom flask	125 mL	24/40	
KH-99037-62	Round-bottom flask	250 mL	24/40	
KH-99037-64	Round-bottom flask	300 mL	24/40	
KH-99037-66	Round-bottom flask	500 mL	24/40	

Required System Components

- 1 Condenser
- 2 Extractor body
- 3 Flask
- 4 Thimble



Complete Friedrich Extraction assembly 99037-20. Order Friedrich components separately from table at left.

Complete Allihn Extraction assembly 99037-10. Order Allihn components separately from table at left.

Specifications & Ordering Information for Complete Assemblies (Order thimble separately from ad below).

Catalog number	Condenser type	Flask type	Flask capacity	Body ID and length	Condenser ($\text{\$}$) Joint	Price
KH-99037-10	Allihn bulb condenser	Flat bottom	125 mL	31 x 135 mm	34/45	
KH-99037-12			250 mL	41 x 157 mm	45/50	
KH-99037-14			300 mL	49 x 180 mm	55/50	
KH-99037-16		Round bottom	500 mL	41 x 157 mm	45/50	
KH-99037-18			500 mL	49 x 180 mm	55/50	
KH-99037-20			125 mL	31 x 135 mm	34/45	
KH-99037-22	Friedrich condenser	Flat bottom	250 mL	41 x 157 mm	45/50	
KH-99037-24			300 mL	49 x 180 mm	55/50	

Soxhlet Extraction Glassware

Extract soluble components from solids samples

This Soxhlet glassware is made of low extractable borosilicate glass and come complete with extractor, condenser, and flask. Model 99036-00 has screw thread connections; models 99036-10 and -20 have ground glass joints. An extraction thimble is required to support the sample within the extractor—order separately in the table.

Specifications & Ordering Information

Soxhlet glassware				Extraction thimbles	
Catalog number	Capacity allowance	Flask joint	Price	Catalog number	Price/pk of 25
KH-99036-00	25 mL	Threaded		KH-99036-50	
KH-99036-10	125 mL	24/40		KH-29821-00	
KH-99036-20	250 mL	24/40		KH-29821-04	



29821-04

99036-10

