

EXTRACTORS



09-1000: SNYDER COLUMN – With modified floats to reduce flooding. $\$$ 24/40 joints on top and bottom.

Code #	# of Sections
01	3
02	6
03	9

Available with spring hooks – please specify.



09-1005: SNYDER COLUMN – Same as 09-1000 but without top $\$$ joint.

Code #	# of Sections
01	3
02	6
03	9

Available with spring hooks – please specify.

To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

EXTRACTORS

09-1010: SNYDER COLUMN – Micro sized with modified floats. S 19/22 joints.

Code #	# of Sections
01	3

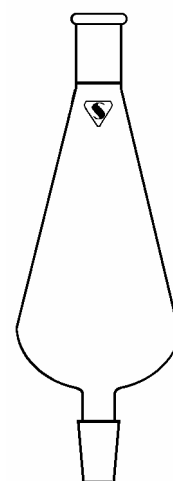
Available with spring hooks – please specify.



09-1020: FLASK, KUDERNA-DANISH – Lower body of flask has a hemispheric shape to afford continuous flow of heavier fractions to concentrator tube during reflux. S 24/40 neck joint and S 19/22 lower joint.

Without Hooks		With Hooks	
Code #	Capacity	Code #	Capacity
01	125ml	05	125ml
02	250ml	06	250ml
03	500ml	07	500ml
04	1000ml	08	1000ml

Available with spring hooks – please specify.



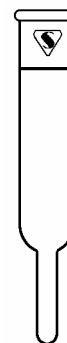
09-1040: RECEIVER, PLAIN - S 19/22. Available with spring hooks – please specify.

Code #	Capacity
01	1ml
02	4ml
03	15ml
04	25ml



09-1060: RECEIVER, PLAIN - S 19/22, reservoir tip

Code #	Capacity
01	10ml
02	25ml



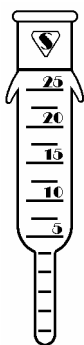
To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

EXTRACTORS



09-1080: RECEIVER, GRADUATED - S 19/22, graduated in 1ml divisions with spring hooks.

Code #	Capacity
01	1ml
02	4ml
03	15ml
04	25ml

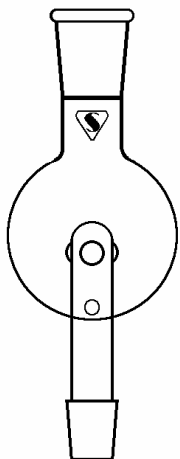


09-1100: RECEIVER, GRADUATED - S 19/22, 1ml reservoir tip is graduated in .1ml divisions. Tube body graduated in 1ml divisions.

Code #	Capacity
01	4ml
02	10ml
03	25ml



09-1120: SPRINGS FOR KUDERNA-DANISH APPARATUS - Stainless steel – 4 per package.



09-1140: EVAPORATOR TRAP, ROTARY – Used between the vapor tube and evaporation flask on a rotary evaporator to prevent contents of the flask from being drawn into the condenser in the event of ‘bumping’.

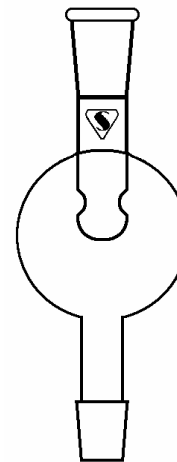
Code #	S Outer Joint	S Inner Joint	Flask Size ml
01	24/40	14/20	100
02	24/40	24/40	100
03	24/40	14/20	250
04	24/40	24/40	250
05	29/42	29/42	300

To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

EXTRACTORS

09-1150: EVAPORATION TRAP, ROTARY – Prevents reverse flow of liquids into the condenser.

Code #	Outer Joint	Inner Joint	Flask Size ml
01	24/40	14/20	100
02	24/40	24/40	100
03	24/40	14/20	250
04	24/40	24/40	250
05	29/42	29/42	300

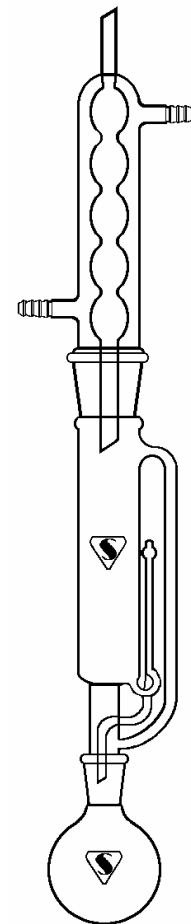


09-1160: EXTRACTION APPARATUS, SOXHLET - Unit consists of extractor, condenser and flask.

ID and Total Body Length mm	Joint Size		Approximate Height mm	Flask Capacity ml
	Top	Bottom		
30x190	34/45	24/40	592	125
40x205	45/50	24/40	655	250
50x250	55/50	24/40	756	500

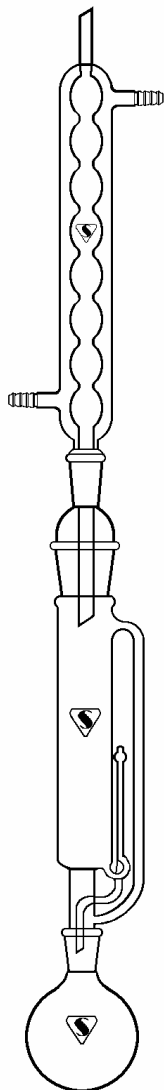
Ordering Code Numbers

Flask Capacity	125 Code #	250 Code #	500 Code #
Flask	01	05	09
Condenser	02	06	10
Extractor	03	07	11
Complete	04	08	12



To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

EXTRACTORS



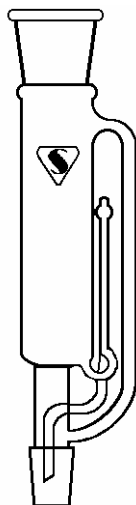
09-1170: EXTRACTION APPARATUS, SOXHLET, LARGE CAPACITY – Complete with bulb type condenser and one flask. Cycling rates may be doubled over conventional style extractors. All joints are interchangeable. Size H (illustrated) is supplied with an adapter for connecting the extractor and condenser. This is necessary because of the extremely large top joint on the extractor. Approximate overall height: Size F = 39”, Size G = 46”, Size H = 82”. For extraction thimbles, see 09-1280.

Dimensions of 09-1170 Extraction Apparatus

Size	Extractor Cap. ml	Extractor I.D. mm	Extractor S Top Joint	Extractor S Bottom Joint	Condenser S Joint	Condenser Length mm	Flask Cap. ml
F	500	68	71/60	34/45	71/60	340	1000
G	1500	95	103/60	45/50	103/60	460	3000
H	5000	140	145/60	55/50	55/50	730	12000

Complete Code #	Size	Condenser Only Code #	Size
01	F	07	F
02	G	08	G
03	H	09	H

Extractor Only Code #	Size	Flask Only Code #	Size
04	F	10	F
G0H5	G	11	
06	H	12	



09-1180: EXTRACTOR, SOXHLET - S joints at both top and bottom with bulb in siphon tube which is protected by side arm near top to siphoning action. Used with 09-1160.

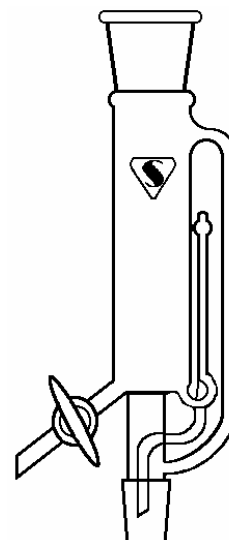
Code #	S Joint Size		Cap to Top Siphon Tube ml	Approximate Height mm
	Top	Bottom		
01	34/45	24/40	50	295
02	45/50	24/40	85	303
03	55/50	24/40	200	350

To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

EXTRACTORS

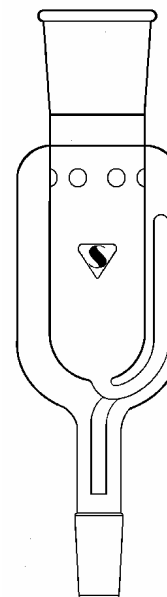
09-1200: EXTRACTOR, SOXHLET STRAIGHT STOPCOCK - Same as .09-1180 except stopcock is sealed on at an angle to enable solution sample to be taken while in operation.

Stopcock		⌘ Joint Size		Top to	Approximate
Glass Code	Teflon Code	Top	Bottom	Tube	Height
				ml	mm
01	04	34/45	24/40	50	295
02	05	45/50	24/40	85	303
03	06	55/50	24/40	200	350



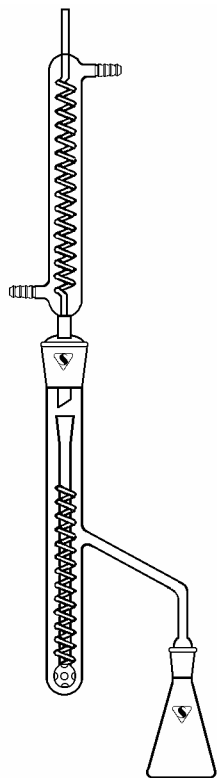
09-1210: A MODIFIED SOXHLET EXTRACTOR - Allows extraction to occur at the boiling point of the solvent by enveloping the thimble in the rising solvent vapors. Uses 09-1280 thimbles.

Code #	Top ⌘ Joint	Bottom ⌘ Joint
01	34/45	24/40
02	45/50	24/40
03	55/50	24/40
04	71/60	29/42



To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

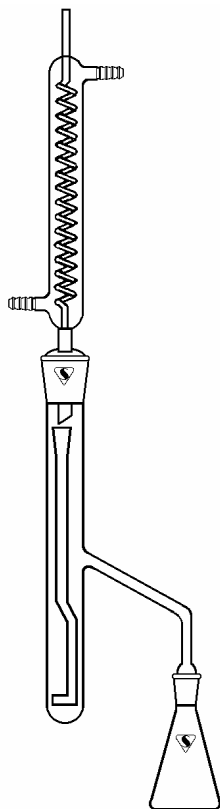
EXTRACTORS



09-1220: EXTRACTION APPARATUS, ETHER - Continuous flow from boiling in Erlenmeyer flask. Mixing of ether in solution is provided by the spiral.

Condenser with $\frac{51}{51}$ Joint	34/45	40/50	40/50
Flask with $\frac{51}{51}$ Joint	24/40	24/40	24/40
Extractor - ml	125	250	500
Flask - ml	125	250	500

	Code #	Code #	Code #
Condenser	01	06	11
Extractor	02	07	12
Spiral Tube	03	08	13
Flask	04	09	14
Complete	05	10	15



09-1240: EXTRACTION APPARATUS, ETHER - Same as 09-1220 except a tube with a coarse fritted disc replaces the spiral tube.

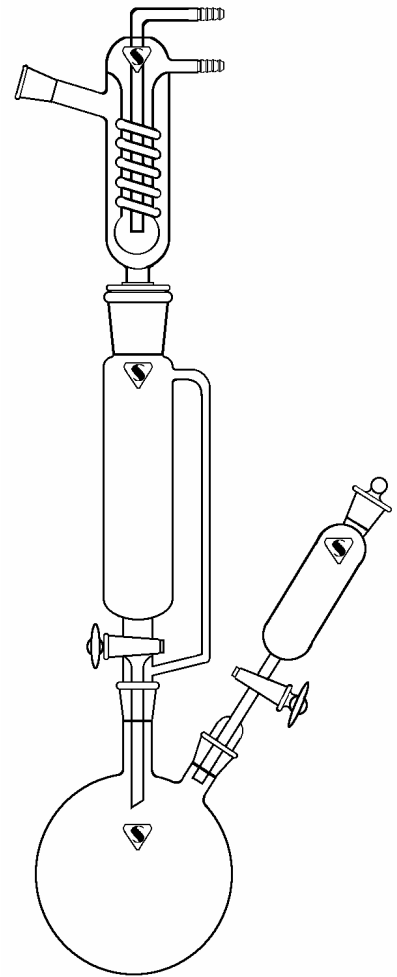
Condenser with $\frac{51}{51}$ Joint	34/45	40/50	40/50
Flask with $\frac{51}{51}$ Joint	24/40	24/40	24/40
Extractor - ml	125	250	500
Flask - ml	125	250	500

	Code #	Code #	Code #
Condenser	01	06	11
Extractor	02	07	12
Spiral Tube	03	08	13
Flask	04	09	14
Complete	05	10	15

To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

09-1260: DIGESTION APPARATUS, MERCURY RESIDUES-For determining mercury residues in food.

Code #	Description
01	500ml 2-neck Flask
02	125ml Addition Funnel with Teflon Stopcock
03	200ml Soxhlet-type Extractor with Teflon Stopcock
04	250mm Friedrich Condenser
05	Complete Assembly



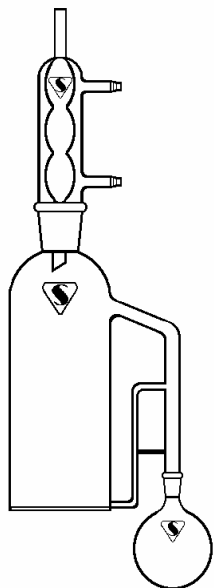
09-1280: EXTRACTION THIMBLE, GLASS - All Glass extraction thimble permits viewing during extraction process and subsequent weighing. Will fit any standard Soxhlet extraction apparatus. Available in any porosity.

Code #	Capacity ml	Porosity
01	40	XC
02	70	C
03	160	M
04	40	XC
05	70	C
06	160	M



To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137

EXTRACTORS



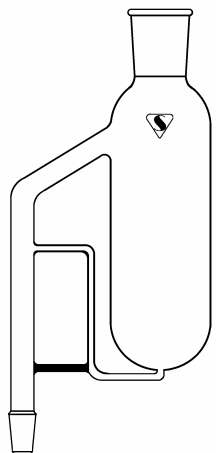
09-1300: EXTRACTOR, LIQUID-LIQUID, CONTINUOUS - For use in the determination of EPA Priority Pollutants in which the extraction solvent is heavier than water. Extractor has $\overline{\text{S}} 45/50$ top outer joint and $\overline{\text{S}} 24/40$ inner joint on the uptake tube.

Code #	Description
01	Complete Assembly
02	Condenser $\overline{\text{S}} 45/50$, 200mm Length
03	Flask $\overline{\text{S}} 24/40$, 1000ml
04	Extractor Body



09-1320: EXTRACTOR, LIQUID-LIQUID, CONTINUOUS – Similar in design to 09-1300, but with the addition of a 2mm Teflon stopcock. Stopcock stops the flow after the extraction is complete. For use in the determination of EPA Priority Pollutants in which the extraction solvent is heavier than water. Extractor has $\overline{\text{S}} 45/50$ top outer joint and $\overline{\text{S}} 24/40$ inner joint on the uptake tube.

Code #	Description
01	Complete Assembly
02	Condenser $\overline{\text{S}} 45/50$, 200mm Length
03	Flask $\overline{\text{S}} 24/40$, 1000ml
04	Extractor Body



09-1340: EXTRACTOR, LIQUID-LIQUID, CONTINUOUS – Round bottom design has the return tube sealed into the bottom of the extractor for more efficient extractions. For samples of 1 liter plus approximately 200ml of extracting solvent. Extractor has a 45/50 top outer joint and a 24/40 inner joint on the uptake tube.

Code #	Description
01	Complete Assembly
02	Condenser $\overline{\text{S}} 45/50$, 200mm Length
03	Flask $\overline{\text{S}} 24/40$, 1000ml
04	Extractor Body

To Order, Call Specialty Glass, Inc. Toll Free 1-800-899-2137