




## Extractors, soxhlet



- Conforms to BS 2071
- For extracting soluble components or impurities from solids via repeated soaking/siphoning with solvent
- Wide choice of extractors to accommodate most sizes of sample and thimbles
- Accurately formed concentric siphon tube for reliable performance

Product Code	Nom. capacity (siphoning vol.) ml	Socket size	Cone size	Approx overall height (mm)	Pack qty.
EX5/21	6	19/26	14/23	150	1
EX5/32	20	24/29	19/26	175	1
EX5/43	40	29/32	24/29	200	1
EX5/53	60	34/35	24/29	205	1
EX5/55	60	34/35	34/35	205	1
EX5/55/100	100	34/35	34/35	240	1
EX5/63	100	40/38	24/29	220	1
EX5/83	200	50/42	24/29	250	1

 Approximate overall height is measured from the wide end of the cone.



## Extractors, soxhlet, large capacity



- Conforms to BS 2071
- Large capacity extractors
- With flat flange joints to permit introduction of large samples
- Used in conjunction with flat flange lid and retaining clip which should be ordered separately

Product Code	Nom. capacity (siphoning vol.)	Extractor flange size mm	Extractor cone size	Pack qty.
EX5/75	600	75	34/35	1
EX5/105	2000	100	34/35	1

## Lids for large capacity soxhlet extractor

Product Code	Description	Socket size	Pack qty.
DA5/75	Lid for EX5/75	34/35	1
DA5/100	Lid for EX5/105	34/35	1

## Metal clip for large capacity soxhlet extractor

Product Code	Description	Pack qty.
JC75F	Metal clip for EX5/75	1
JC100F	Metal clip for EX5/105	1



## Extractors, plain body



- Designed for use in reflux assemblies so that solvent vapour permeates directly through the material to be extracted then condenses and washes back into the flask
- Sample can be supported directly on glass spiral or in a paper or glass thimble

Product Code	Nom. capacity ml	Socket size	Cone size	Approx overall height (mm)	Pack qty.
EX7/13	60	34/35	24/29	205	1
EX7/33	200	55/44	24/29	250	1



Approximate overall height is measured from the wide end of the cone.



Take care that the sample or thimble does not totally block the passage of rising vapour and falling condensate.



## Extractors, spiral support

Product Code	Description	Diam. mm	Pack qty.
EX13/25	To fit EX7/13	29	1
EX13/26	To fit EX7/33	35	1

## Extractors, paper thimbles

- Paper thimbles are the most common type used in liquid/solid extractors and although not available from SciLabware, are readily obtained from most laboratory suppliers. Recommended sizes for the Quickfit® range of extractors are as follows:

Product Code	Recommended thimble size mm	Pack qty.
EX5/21	10 x 50	1
EX5/32	18 x 65	1
EX5/43	22 x 80	1
EX5/53	28 x 80	1
EX5/55	28 x 80	1
EX5/55/100	28 x 120	1
EX5/63	33 x 100	1
EX5/75	60 x 160	1
EX5/83	41 x 123	1
EX5/105	70 x 240	1
EX7/13	27 x 100	1
EX7/33	33 x 100	1



The dimensions are internal and are given for single thickness thimbles only. If double thickness thimbles are used, the internal diameter should be 2mm less to allow for greater wall thickness. Alternatively, thimbles made from borosilicate glass are available on page 122.



## Glass thimbles

**PYREX®**

- Borosilicate glass with sintered glass disc to support solid sample
- Highly resistant to chemical attack
- Useful for chemical applications where it is required to weigh the extracted material

Product Code	Porosity grade	Disc diam. mm	O.D. mm	Overall length mm	Pack qty.
3840/02M	1	20	26	95	5
3845/02M	1	30	36	95	5

**i** 3840: thimbles fit Quickfit® extractors EX5/53 and EX5/55. 3845: thimbles fit Quickfit® extractors EX5/63 and EX5/83.

## CUSTOM GLASSWARE MANUFACTURE

- Free quotation without obligation
- Highest quality guaranteed
- All enquiries welcome

Tel: +44 (0)1785 812121  
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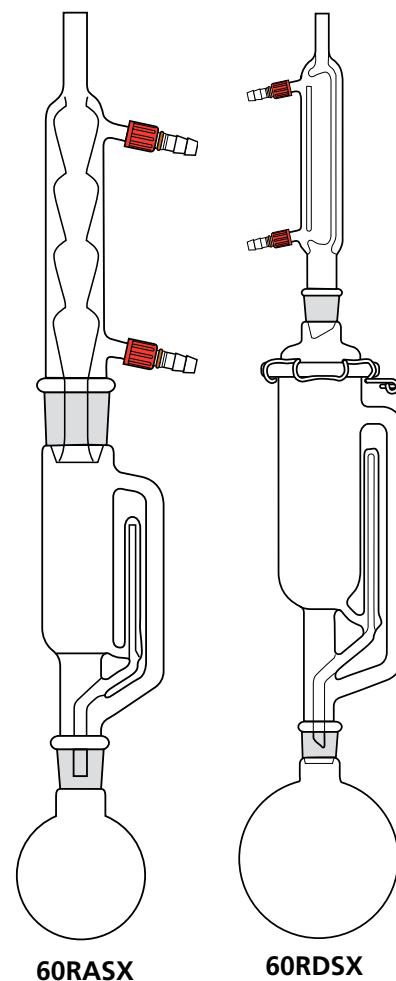


## Extractors, soxhlet, complete assemblies



- Each assembly comprises the basic components for solid-liquid extraction : Flask/Soxhlet extractor/Condenser/Associated lids and clips
- Choice of 7 assemblies with extractor capacities from 20ml to 2000ml

Product Code	Nom. capacity ml	Components extractor etc	Flask	Condenser	Pack qty.
25RASX	20	EX5/32	FR50/2S	CX7/03/SC	1
40RASX	40	EX5/43	FR100/3S	CX7/04/SC	1
60RASX	60	EX5/53	FR150/3S	CX7/05/SC	1
100RASX	100	EX5/63	FR250/3S	CX7/06/SC	1
200RASX	200	EX5/83	FR500/3S	CX7/08/SC	1
600RDSX	600	EX5/75, DA5/75, JC75F	FR2L/5S	CX5/25/SC	1
2LRCSX	2000	EX5/105, DA5/100, JC100F	FR5L/5US	C13/55	1



## Extractors, liquid-liquid, heavy phase, small capacity



- For use with heavy phase solvents i.e. solvents with a heavier specific gravity than the sample liquid being extracted
- Comprises extractor body and baffle which should be ordered separately
- Designed for continuous operation
- Condensed solvent falls onto the baffle and is broken into small droplets
- Droplets of solvent descend through the liquid sample and extract desired components/contamination
- Solvent then returns to the boiling flask via a tube on the side of the extractor

Product Code	Nom. capacity ml	Socket size	Cone size	Approx overall height mm	Pack qty.
EX10/23	60	34/35	24/29	250	1

**i** This extractor can be used with a variety of Quickfit® flasks and condensers e.g. FR250/3S and CX7/05/SC.

## Extractors, baffle

Product Code	Description	Pack qty.
EX10/20	Baffle to fit EX10/23 extractor	1

