

# Extraction

## Thimbles

### Extraction Thimbles, Whatman

Cellulose. Supplied in boxes of 25. Dimensions given are nominal internal diameter x external length.

	<i>l.d. x length mm</i>		<i>l.d. x length mm</i>
<b>Single thickness</b>			
<b>EX100-10</b>	10 x 50	<b>EX100-43</b>	30 x 80
<b>EX100-13</b>	18 x 55	<b>EX100-46</b>	30 x 100
<b>EX100-16</b>	19 x 90	<b>EX100-49</b>	33 x 80
<b>EX100-22</b>	22 x 80	<b>EX100-52</b>	33 x 94
<b>EX100-25</b>	25 x 80	<b>EX100-55</b>	33 x 100
<b>EX100-28</b>	25 x 100	<b>EX100-58</b>	33 x 118
<b>EX100-31</b>	26 x 60	<b>EX100-60</b>	37 x 130
<b>EX100-36</b>	28 x 80	<b>EX100-61</b>	41 x 123
<b>EX100-37</b>	28 x 100	<b>EX100-64</b>	43 x 123
<b>EX100-40</b>	28 x 120	<b>EX100-67</b>	60 x 180
<b>Double thickness</b>			
<b>EX105-22</b>	22 x 80	<b>EX105-49</b>	33 x 80

### Extraction Thimbles, Whatman

Glass microfibre, high purity grade HP-GF. Can be used up to 550°C. Supplied in boxes of 25.

	<i>l.d. x length mm</i>		<i>l.d. x length mm</i>
<b>EX110-16</b>	19 x 90	<b>EX110-25</b>	43 x 123

Soxhlet Extraction Glassware. Capacities up to 2000ml – see *Quickfit* section.



EX100 with glassware

## Soxhlet Mantles, Electrothermal

- ◆ Solid state electronic heat control on each recess – spark free in normal operation
- ◆ Heater cartridge includes a safety earth (ground) screen for additional operator safety
- ◆ PTFE coated external surfaces
- ◆ Choice of 3 or 6 recesses
- ◆ Choice of stirred or unstirred positions

### Electrothermal Soxhlet Heating Mantles

With brackets and 12.7mm diameter support rods. For 230V 50/60Hz single phase supplies.

With the stirred models a single control changes the stirring speed of 3 recesses. The 6 bank units therefore have two controls. Speed is continuously variable from 50 to 1000rpm.

<i>Recesses x capacity ml</i>	<i>Rating W</i>	<i>Unstirred models EME series</i>	<i>Stirred models EMEA series</i>
3 x 100	180	<b>EX300-10</b>	<b>EX300-50</b>
3 x 250	450	<b>EX300-15</b>	<b>EX300-55</b>
3 x 500	600	<b>EX300-20</b>	<b>EX300-60</b>
3 x 1000	900	<b>EX300-25</b>	<b>EX300-65</b>
6 x 100	360	<b>EX305-10</b>	<b>EX305-50</b>
6 x 250	900	<b>EX305-15</b>	<b>EX305-55</b>
6 x 500	1200	<b>EX305-20</b>	<b>EX305-60</b>
6 x 1000	1800	<b>EX305-25</b>	<b>EX305-65</b>

### Replacement elements

For EX300/EX305 mantles manufactured from July 1999\*. One element is required for each recess. For 230V 50/60Hz single phase supplies.

**EX307-10** 60W, 100ml for EX300-10 or EX305-10 mantles  
**EX307-15** 150W, 250ml for EX300-15 or EX305-15 mantles  
**EX307-20** 200W, 500ml for EX300-20 or EX305-20 mantles  
**EX307-25** 300W, 1000ml for EX300-25 or EX305-25 mantles

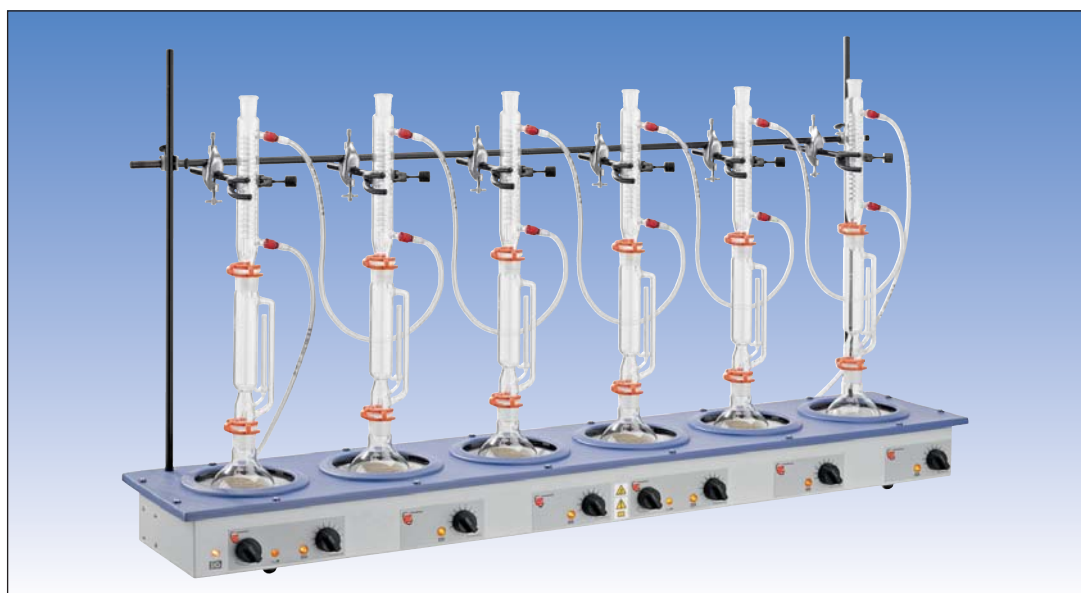
**EX309-10** 60W, 100ml for EX300-50 or EX305-50 mantles  
**EX309-15** 150W, 250ml for EX300-55 or EX305-55 mantles  
**EX309-20** 200W, 500ml for EX300-60 or EX305-60 mantles  
**EX309-25** 300W, 1000ml for EX300-65 or EX305-65 mantles

\*Elements for mantles manufactured before July 1999 - see HE220.

### Accessory

Flow monitor for protecting Soxhlet system against loss of water flow through condensers. For full details see entry in the Flow Section.

**FR300-10** Flow monitor



EX305 in use, EX300 is similar