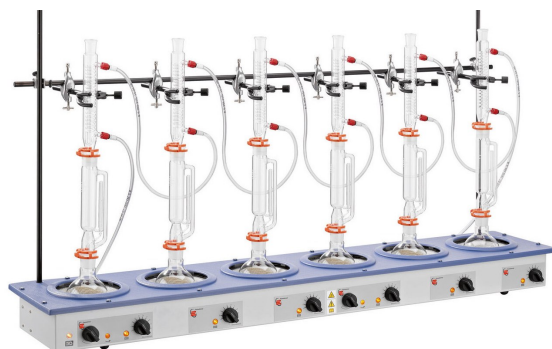


Soxhlet Extractors



A Soxhlet extractor is a piece of laboratory apparatus. It was originally designed for the extraction of a lipid from a solid material. Typically, Soxhlet extraction is used when the desired compound has a limited solubility in a solvent, and the impurity is insoluble in that solvent. It allows for unmonitored and unmanaged operation while efficiently recycling a small amount of solvent to dissolve a larger amount of material.

It is an indicative picture only actual product may differ

Water bath with two straight vertical rods and two adjustable horizontal rods and 6 clamps to hold the soxhlet extractor

Model No	BST/SWB-132
Design	Rectangular, double walled, stainless steel construction with glass wool or better insulation material. 6 holes of 75 mm diameter in row
Outer body	Made up of thick stainless steel, duly preheated with primer and enamel painted with epoxy power coating. Provision of drain plug. Bottom shall have anti slip rubber legs for stability.
Inner Chamber	Leak proof, easy to clean, rectangular stainless steel tank with fully rounded corned edges
Bath size	Length: 130 cm, Width: 30 cm, Height: 25 cm
Cover	Lid and concentric ring of stainless steel
Temperature Range	up to 100 °C
Temperature display	Digital
Temperature Resolution	10 °C or better
Temperature Accuracy	1 °C or better
Heater type	Energy efficient ,Immersion type heating element
Heater rating	1000 watts or as per manufacturers standard practice
Heating time	Heater rating should be sufficient to raise the temperature up to 100 °C in (maximum) 20 minutes
Temperature Controller	Digital temperature controller
Control Panel	On/Off switch, Heating and mains indicators lamp and temperature controller
Power Supply	220 ± 10 VAC,50/60 Hz ± 1, Single Phase
Spares	Two sets of heating elements and one digital controller. Additional spares may be specified
Safety Features	Low Fluid Alarm and Over Temperature Alarm & Cut-off