

Soxhlet Extraction Apparatus with Heating Mantle, Single Station

NEW



This unique set includes matched components to provide a convenient Soxhlet extraction workstation. The setup includes a heating mantle with stirrer, 250ml borosilicate glass boiling flask, 100ml borosilicate glass Soxhlet extractor, 300mm borosilicate glass Allihn condenser with glass connectors, sturdy powder-coated metal support stand with aluminum clamp and stability bracket, and two 48" lengths of rubber tubing with screw connectors.

The heating mantle with stirrer features a polyurethane coated aluminum exterior and a high quality knitted mantle with glass fiber underlay for uniform distribution of heat. Maximum operating temperature is 400°C. Mantle can be used in a wide range of ambient temperatures, from about 45°F to 100°F, and relative humidity up to 80%. The unit is not waterproof, and is rated as IP code 10 equipment. Stirring function operates at speeds of 50 to 750 RPM. Heating and stirring functions are independently controlled by two separate knobs.

Stand measures 20"H x 8"W with a base platform 10.5"D with a 1" lip.

| Item No. | Description |
|-----------|---|
| HMSOX-250 | Soxhlet Apparatus with Heating Mantle, Single Station |

Distillation Apparatus

This complete set features high quality borosilicate glass parts and all hardware necessary for simple distillation experiments.

Contents:

- Round Bottom Flask with Side Tube, 500ml. 1
- Graham Condenser, 300mm. 1
- Erlenmeyer Flask, 250ml. 1
- Glass Stopper 1
- Support Stand (6"X9") with 24" Rod 1
- Swivel Burette Clamp 1
- Extension Clamp 1
- Clamp Holder 1
- Activity Guide 1



| Item No. | Description |
|----------|------------------------|
| DSA001 | Distillation Apparatus |

Filtering Kit

An excellent, faster working, alternative to traditional gravity based liquid filtration. The included Hand Vacuum Pump is also available separately.

Contents:

- Filtering Flask, 500ml. 1
- Buchner Funnel, Porcelain, 90mm 1
- Filter Paper, 90mm dia., pk/100. 1
- Hand Vacuum Pump with Gauge 1
- Rubber Stopper 1
- Vacuum Hose 1
- Activity Guide 1



FLTKIT



HVP001

| Item No. | Description |
|----------|-----------------------|
| FLTKIT | Filtering Kit |
| HVP001 | Hand Vacuum Pump only |