



# Educational Lab Equipments



## Description

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With this distillation apparatus kit, get started with simple scientific distilling in the lab. The quality borosilicate glassware in this set includes a 300 mm sealed Liebig condenser, 50 mm diameter Kjeldahl distillation ball, 500 ml flat-bottomed boiling flask and 500 ml Erlenmeyer flask.

The Kjeldahl "ball" improves distillation efficiency by preventing carryover of liquid from the boiling flask into the condenser.

Two key components for a good setup of distillation apparatus are a Kjeldahl bulb and a condenser (both included in this kit). The Liebig-style condenser provides effective gas condensation through the straight inner tube surrounded by a large outer tube to circulate cooling water.

Other distillation apparatus in this kit includes a 4"x 6" support stand, adjustable clamp, tripod burner stand, wire gauze with ceramic center, and rubber stoppers. Assembly instructions and experiment ideas are also included.


You provide a heat source of choice (hot plate, alcohol burner or lab burner) and rubber tubing for water supply to the condenser. We also have a special condenser accessory kit with everything you need to connect the condenser to a standard faucet.


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