

Product Manual

The round bottom flask is a kind of flask-like glassware used in the laboratory, used to hold liquid substances, and is particularly suitable for heating and boiling liquids.

Generally made of heat-resistant glass such as Pyrex. The bottom is round, and some of the bottom ends are flattened to make it stand upright. There are one or more necks on it, which are used to enter and exit the contents and connect with other experimental vessels. The neck is slightly flared, and there are often frosted inner surfaces to tightly combine with other glassware.

(1) When in use, use a clamp to fix the bottleneck on the experimental stand. The distillation apparatus on the left uses two round-bottom flasks:

(2) It is a directly heated container, which is heated with a metal mesh embedded with asbestos or ceramics by a Bunsen burner to make it evenly heated.

(3) It is a container for receiving distillate liquid.

Heating can also be performed by electric heating pads, water baths, etc. Round-bottom flasks are also often connected to rotary evaporators, which can eliminate volatile solutions after heating under reduced pressure.