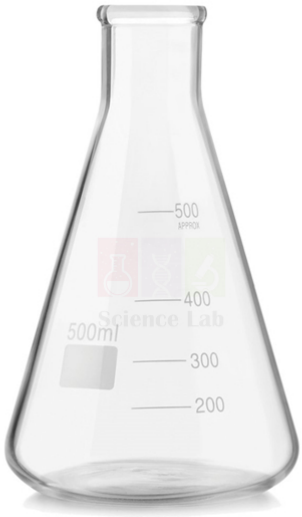
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Conical Flask

Product Code :

SLE/GFL/01



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

This conical flask is a graduated Erlenmeyer flask in borosilicate glass, with a wide flat base that narrows to a slim neck. The sloping walls let a student swirl a solution without it splashing out, which is why this flask sits under the burette in mosttitrations. The glass is heat resistant and chemical resistant, and ten sizes run from10 ml to 5000 ml.

Conical flask specifications and sizes

Parameter	Detail
Material	Borosilicate glass
Shape	Erlenmeyer (conical), wide flat base tapering to a narrow neck
Capacities	10 ml, 25 ml, 50 ml, 100 ml, 250 ml, 500 ml, 1000 ml, 2000 ml, 4000 ml, 5000 ml
Marking	Graduated
Heat resistance	Heat resistant
Chemical resistance	Chemical resistant
Application	General chemical laboratory work
Product code	SLE/GFL/01
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Titration and bench work with the conical flask

Acid-alkali titration. Transfer a measured volume of alkali into the flask with a pipette and a pipette filler, then add two or three drops of phenolphthalein solution. Run acid in from a clamped burette while swirling the flask with one hand. Slow to single drops as the pink colour starts to fade, and stop at the first permanent change.

Dissolving and warming. Tip a weighed solid into the flask, add water and swirl until it dissolves. If gentle heat is needed, stand the flask on a wire gauze with ceramic centre over a burner and warm it slowly. Lift it off with flask tongs rather than by hand.

Collecting filtrate. Seat a glass funnel lined with folded filter paper in the neck. The narrow neck holds the funnel upright and the wide base keeps the flask steady while the filtrate runs in. Leave a small gap at the neck, for example with a folded strip of paper, so that air can escape and filtration does not stall.

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