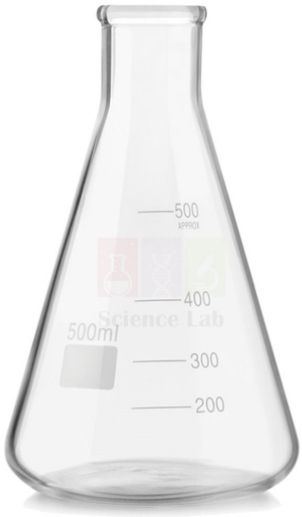
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**Product Name :**

Conical Flask

**Product Code :**

SLE/GFL/01



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## Description :

**Conical Flask** (Product Code: SLE/GFL/01) is a graduated, Erlenmeyer-shaped flask in borosilicate glass, with a wide flat base that tapers to a narrow neck so liquids can be swirled without splashing. It is heat resistant and chemical resistant, and is offered in ten capacities from 10 ml up to 5000 ml. Teachers, students and laboratory staff use it daily for titrations, mixing and heating solutions. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as the standard conical flask for school laboratories in India and for international markets.

### Specifications

| Parameter | Detail |
|---|---|
| Material | Borosilicate glass |
| 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 |

### Typical Use

The conical flask is the usual receiving vessel in a titration: the sloping sides let the student swirl the contents continuously while titrant runs in from the burette, and any splashes run back down rather than escaping. It is equally useful for dissolving solids, preparing and holding solutions, simple heating on a wire gauze, and collecting filtrate. The smallest sizes suit micro-scale work, while the 2000 ml to 5000 ml flasks are handy for preparing larger batches of reagent for a whole class.

The graduations give a quick approximate volume; where an exact volume matters, measure with a pipette, burette or measuring cylinder and use the flask as the container. When heating, warm the flask gradually, never heat it empty, and let it cool before placing it on a cold or wet surface — good habits that keep borosilicate glassware in India's busy teaching laboratories in service for longer.

### Manufacturer

These flasks are manufactured by **Jain Scientific Equipments Private Limited**, a company in Ambala, Haryana, that sells its products under the **ScienceLab** name. Its range spans laboratory glassware, instruments and teaching apparatus for schools, colleges and research institutions. Find out more on the company profile.

### Related Laboratory Equipment

Items

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