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**Product Name :**

Flow Splitter For Oxygen Concentrator

**Product Code :**

SLE/RAE/17



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# Description :

**Flow Splitter For Oxygen Concentrator** (Product Code: SLE/RAE/17) is a five-outlet oxygen flow splitter used to share one oxygen concentrator or supply among several patients in wards and health centres. Each of its 5 outlets has its own flowmeter adjustable from 0.125 to 2 l/min,so every patient's flow is set independently. It accepts an input pressure of 48–345 kPa andmounts on a table or wall. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala, India.

## Specifications

| Parameter | Detail |
|---|---|
| Configuration | 1 inlet, 5 outlets |
| Flowmeters | 5 independent flowmeters, range 0.125–2 l/min |
| Supply connection | To a single oxygen supply or concentrator |
| Outlet behaviour | Independent outlets; cumulative maximum flow is limited by the supply flow |
| Input pressure | 48–345 kPa |
| Mounting | Tabletop or wall mount |
| Product code | SLE/RAE/17 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

## What Is an Oxygen Flow Splitter Used For?

Many patients need only a small, steady oxygen flow, often well below what a concentrator can produce. A flow splitter makes better use of that capacity: the concentrator outlet is connected to the single inlet, and up to five patients are connected to the outlets, each through their own tubing and nasal prongs. Staff then set each flowmeter between 0.125 and 2 l/min according to the individual prescription.

The key planning rule is that the outlets share the supply. If five patients are each set to 2 l/min, the source must be able to provide at least 10 l/min, and the pressure reaching the inlet must stay within 48–345 kPa. Mounting the splitter on a wall between beds, or on a bedside table, keeps the flowmeters visible so nurses can check every outlet on their rounds.

## What to Specify When Ordering

- Mounting method: tabletop or wall.
- The oxygen source it will be connected to, and its maximum flow and output pressure.
- Number of splitters, and the tubing and nasal prongs needed for each outlet in use.

## Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab from Ambala, Haryana, suppl ers settin ent interf

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