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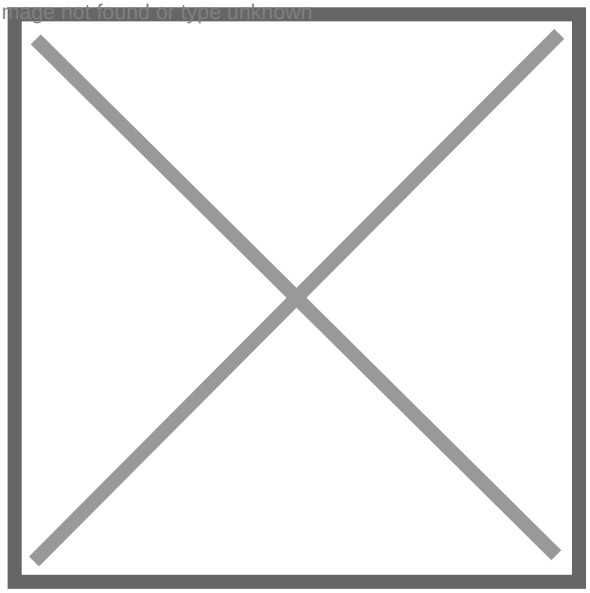
Product Name :

Chromatographic Jar

Product Code :

SCL11005/06

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Description :

Chromatographic Jar (Product Code: SCL11005/06) is a transparent, rectangular polycarbonate tank used to hold the solvent and the paper or plate while a chromatogram develops in schooland college practicals. Teachers use it to separate leaf pigments, ink dyes and amino acids, andits clear walls let students watch the bands form without lifting the strip out. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India, as the centrepiece of a paper chromatography kit for schools.

Key Details

Parameter	Detail
Type	Chromatography development jar
Material	Polycarbonate
Colour	Transparent
Shape	Rectangular
Purpose	Used in chromatography apparatus to hold the solvent and the chromatogram during development
Product code	SCL11005/06
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Chromatographic Jar Used For?

A shallow layer of solvent is poured into the jar, the jar is covered so the air inside becomes saturated with vapour, and a spotted strip or plate is lowered in with its origin line above the liquid. As the solvent climbs, the components of the sample separate into bands that the class can follow through the transparent walls. The rectangular shape leaves room for a wide sheet or several strips side by side, so a leaf extract can be run next to reference spots in one go.

For sharper results, line one wall with filter paper wetted with the solvent before the run, keep the jar still during development and mark the solvent front as soon as the chromatogram comes out. Schools running paper chromatography practicals often keep one jar per group so each team develops its own sample.

OEM Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, the OEM (original equipment manufacturer) of this chromatographic jar. The company makes it at its own licensed factory at Saha, Ambala, Haryana, India, and supplies it factory-direct to schools, colleges, laboratories, dealers and importers in India and international markets, so quotations and repeat orders come straight from the manufacturer rather than through a trader. Read more on the company profile.

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