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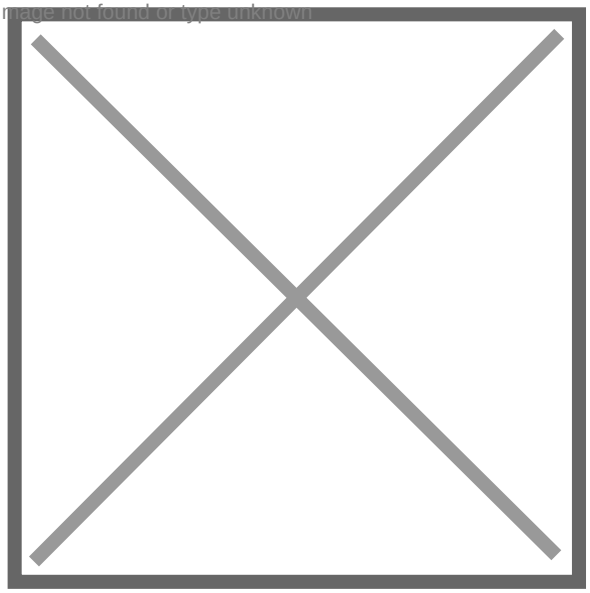
Product Name :

Dutrochet Endosometer for Osmotic

Product Code :

SCL231/016

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Description :

Dutrochet Endosometer for Osmotic (Product Code: SCL231/016) is an osmosisdemonstration set used to show how plants absorb water through osmosis in school and collegebiology laboratories. Biology teachers use it for whole-class demonstrations, and the set pairs aDutrochet-type endosmometer with a chemical beaker and a bottle of sodium chloride (NaCl) forthe salt solution. ScienceLab — **Jain Scientific Equipments Pvt Ltd (ScienceLab)** — makes itas an OEM manufacturer at its own factory in Ambala, India, as part of its plant biology labequipment range.

Key Details

Parameter	Detail
Contents	Endosmometer, chemical beaker, bottle of sodium chloride (NaCl)
Demonstrates	How plants absorb water through the osmosis phenomenon
Solution component	Sodium chloride (NaCl), supplied in a bottle
Shelf life (NaCl)	Shelf life depends on the chemical, its grade and storage conditions; ask us for the expiry date of the batch you are quoted.
Product code	SCL231/016
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Dutrochet Endosmometer Used For?

The endosmometer recreates the classic experiment of Henri Dutrochet, who first described osmosis. A stronger sodium chloride solution is held inside the endosmometer, which is then stood in the chemical beaker filled with plain water. Water passes inward towards the salt solution and the liquid level climbs, giving students a clear picture of how root hair cells draw water from moist soil.

As an osmosis experiment kit for school practicals, it works well when the starting level is marked before the lesson and readings are taken at fixed intervals. Prepare the salt solution fresh for each class, keep the set steady on a level bench, and rinse every part with clean water afterwards so salt crystals do not build up.

OEM Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, the OEM (original equipment manufacturer) of the Dutrochet Endosometer for Osmotic. The set is produced and assembled at the company's own licensed factory at Saha, Ambala, Haryana, India, so schools, colleges and dealers deal with the maker instead of a reseller. The company is a registered MSME whose major activity is manufacturing (Udyam UDYAM-HR-01-0003714), and its export consignments are shipped under Importer-Exporter Code AAECJ8618A issued by the DGFT.

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