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Product Name :

Funnel Tullgren

Product Code :

SLE/BL/34



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Description :

Funnel Tullgren (Product Code: SLE/BL/34) is a heat-and-light extraction funnel used to collect small invertebrate animals from a dry soil sample in school and college ecology practicals. The sample rests on a gauze mesh over the funnel beneath a light, and most species are collected after two hours, with complete extraction taking two-three days. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of zoology lab equipment in India, at its own factory in Ambala.

Key Details

Parameter	Detail
Type	Tullgren funnel for extracting soil invertebrates
Sample container	Base made from gauze, with a mesh designed to hold soil particles but permit the animals to pass
Arrangement	Container placed over a funnel, with a light above
Principle	Heat from above drives animals away from the top of the sample, through the gauze and into the funnel
Sample	Dry soil
Extraction time	Most species collected after two hours; complete extraction takestwo-three days
Product code	SLE/BL/34
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Tullgren Funnel Used For?

Soil biodiversity is hard to see by eye because most soil animals are tiny and hide from light. A Tullgren funnel turns that behaviour into a collecting method: students take equal samples from contrasting sites — a mown lawn, leaf litter under trees, a flower bed — set each one up under the lamp, and compare what drops into the collecting container beneath the funnel spout. Mites, springtails, small beetles and insect larvae are typical finds, and they can be counted and sorted under a hand lens or microscope.

Timing matters when planning the lesson. Most species will have come through after two hours, enough for a single practical session, while a full count needs the funnel left running for two-three days. Keep the light at a steady height so the sample dries from the top down rather than all at once, and place a little damp tissue in the collecting container if the animals are to be observed alive and returned. Several funnels running side by side turn a spare bench into a soil-ecology station, a useful addition to any biology lab setup for schools in India.

OEM Manufacturer

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