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Product Name :

Tullgren Funnel

Product Code :

SLE/BL/041



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Description :

Tullgren Funnel (Product Code: SLE/BL/041) is a Tullgren-type extraction funnel used to drive small animals out of a soil or leaf-litter sample and into a collecting jar during ecology fieldwork and biology practicals. Schools and colleges add its 175mm funnel and 170mm sieve, 65mm deep, to their zoology lab equipment in India, with a 220V heating lamp held above the sample. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of biology lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Funnel diameter	175mm
Sieve diameter	170mm
Sieve depth	65mm
Meshes	Supplied with coarse and fine mesh
Sample support	Perforated plate
Mounting	Horizontal support rod and bosshead included
Heat source	220V heating lamp held above the soil
Bulb required	Low wattage bulb: B22D, bayonet fitting 22mm diameter, 40 watt or less
Collection	Organisms are driven down through the funnel into a collecting jar
Product code	SLE/BL/041
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Tullgren Funnel Used For?

Clamp the funnel to a stand with the supplied horizontal rod and bosshead, put a collecting jar under the spout, and spread the soil or leaf-litter sample on the perforated plate over the chosen mesh. Coarse mesh lets larger animals drop through freely, while fine mesh stops loose soil from falling into the jar with them. Switch on the lamp above the sample: as the surface warms and dries, mites, springtails, beetle larvae and other soil organisms move downwards and fall through the funnel. A little alcohol in the jar preserves specimens for counting; damp tissue keeps them alive for study and release.

Keep to a bulb of 40 watt or less as specified, because stronger heat can kill animals before they have time to move out. Position the lamp so it cannot touch the sample or any alcohol, and switch it off before handling the set-up. Running several funnels side by side lets a class compare habitats such as lawn, hedge and compost in one session, which makes this a practical centrepiece for an ecology science kit in India.

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