

# Tullgren Funnels

P.W. Murphy Progress in Soil Zoology, pp 75 – 110 Butterworths

An extraction method for soil animals. The creation of a temperature gradient of approximately 14°C in a litter or soil sample to stimulate downward movement of soil arthropods into a collecting vessel.



This apparatus is split to facilitate loading and unloading of the sample and a ventilated gap surrounds the sieve preventing condensation below the sample.

## Construction and Equipment Details

The unit is built in banks of 6 funnels. 12 funnel models are available.

Constructed of steel tubular section, with steel shelves – providing a clean and robust assembly for laboratory use.

Finished in durable Hammer Green synthetic enamel.

Lamps are switched in pairs and the unit will accommodate 25 watt tungsten filament bulbs.

Unit available for floor or wall mounting.

## General Specification

Number of funnels	6 or 12
Diameter of funnels, Top	152mm (6in)
Lower end	14mm (9/16 in)
Capacity of collecting bottle	50 x 25mm (2 in x 1 in) dia. as standard

Larger vessels can be accommodated.

## 6 Bank

Overall height	826mm (32.5 in)
Overall width	210mm (8.25 in)
Overall length	1003mm (39.5 in)
Weight approximately	18.1 kg (40lb)
Packing crate size	1092 x 305 x 914mm (43 in x 12 in x 36 in)

## 12 Bank

Overall height	82.6mm (32.5 in)
Overall width	381mm (15 in)
Overall length	1003mm (39.5 in)
Weight approximately	31.8kg (70lb)
Packing crate size	1092 x 456 x 914mm (43 in x 18 in x 36 in)

## Extra Equipment

50mm (2 in) diameter earth sampling tool.



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