

# TULLGREN FUNNEL UNIT



- **Wet or dry extraction of soil organisms**
- **Precision aluminium funnel construction**
- **Stoppered collection vessel prevents loss of creatures**

6 Bank Tullgren Funnel

## Introduction

This apparatus is used for both dry and wet extraction of soil organisms. A soil or leaf litter sample is placed in the removable upper part of the funnel. Heat and light from the lamp creates a temperature gradient of approximately 14°C in the soil sample. This stimulates the downward movement of soil arthropods, and similar organisms, through the gauze to a receiver attached to the base of the funnel.

The position of the lamp is adjustable to enable the temperature of the soil to be raised gradually thus preventing the slower moving species from becoming trapped in hard dry cakes of soil.

For wet extraction, the funnel is filled with water and the gauze is placed in position. Nematodes and other swimming forms collect in the base of the funnel and can be drawn off at intervals (this method is suitable for collecting potato eel worm). This method can be used either with or without the use of the lamp.

## Ordering Information

Product Code	Description
BS00291	Tullgren Funnel, Single Bank
BS00289	Tullgren Funnel, 6 Bank
BS00290	Tullgren Funnel, 12 Bank
BS00294	Soil Auger, 40mm Internal Diameter X 50mm
BS02648	Soil Auger, 50mm Internal Diameter X 150mm

The company reserves the right to make changes to the specification without notice.

## Single Tullgren funnel

Complete with funnel, wire gauze, soil retaining cylinder, length of rubber tube, lamphouse with lampholder, retort stand and instructions. Suitable for use with 110-240V, 50/60 Hz. Weight 2.5 kg.

## Bank of 6 Tullgren funnels

Complete with funnels, wire gauzes, soil retaining cylinders, rubber tubing, lamphouses with lampholders, metal support framework and instructions. Suitable for use with 110-240V, 50/60 Hz. Weight 6 kg.

## Bank of 12 Tullgren funnels

Complete with funnels, wire gauzes, soil retaining cylinders, rubber tubing, lamphouses with lampholders, metal support framework and instructions. Suitable for use with 110-240V, 50/60 Hz. Weight 9 kg.

## Soil Augers

A range of augers for soil sampling incorporating heat treated cutting edges. Illustrated is the 2" diameter x 6" (5cm Diameter x 15cm) sampling auger which is offered in various sample sizes to order.



Single Bank Tullgren Funnel