Dry hot extractors: crafting manual v1.1

Materials (see figures):
- Metal funnels are recommended, plastic or cardboard possible, Ø 15-20 cm.
- Rubber/silicone connectors between the funnels and the vials. They should be tightly pushed up on the lower narrow part of the funnel and be compatible with the vials for animal storage (e.g. 15-20 ml tubes for microarthropods). The vial lids can be used as the connectors. Alternatively, vials can stand below the funnel.
- Metal/plastic kitchen sieves that fit snugly in the funnel with mesh size >2 mm.
- Plastic mesh 1 mm size (to filter out large macrofauna).
- Funnel holder – some device to keep the funnels upright, e.g., a board with holes
- Heat source on top of each funnel or a group of adjacent funnels (e.g. heating halogen or incandescent lamps ~40 Watts).
- Two plastic shields Ø ~40 cm to put on the table and work with the soil and litter.

Instructions: no manual is available, the pictures and elements are given below.

Example of commercial solution:
http://burkard.co.uk/product/tullgren-funnels-6-and-12-bank/