

# How to Set-up a miVac System



A **miVac connection kit** (Genevac part number MCK-00000-Y00) is supplied when you order a combination of miVac units (not including **DNA Concentrator**). In it you will find all the items required to set-up a miVac system. The system connection kit includes:

- **Catch-pot** for pump exhaust
- **Pump control cable**
- **Exhaust hose** clear PVC
- **Vacuum hoses** two unequal length hoses, metal reinforced
- **Hose clips** for vacuum hoses.

If required, extension hoses can be ordered using the following part numbers:

Part number	Description
MCK-EXTN1-000	Vacuum hose extension (one metre)
04-5016	Exhaust hose Specify length when ordering

## Installation site

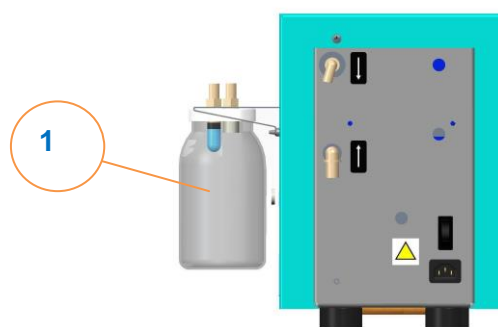
The miVac system must be placed on a level, sturdy work surface. There must be enough space for a 50 mm air gap between each of the miVac units and the edge of the bench, wall or any other equipment.



This example shows a typical configuration for a Duo concentrator, SpeedTrap and pump. If required, the pump may be positioned on a shelf below.

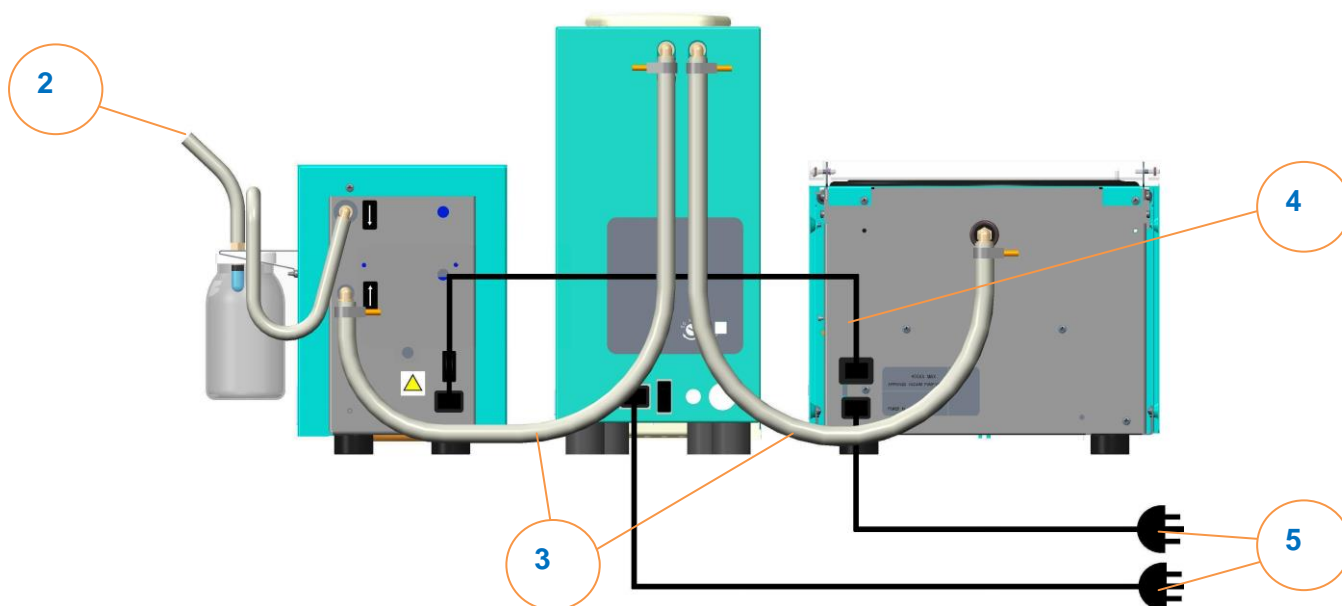
## Setting –up

miVac systems can be set up in a number of ways, this guide is intended to provide a quick reference for the most common miVac system configuration. For further information regarding setting up miVac options and accessories, refer to the miVac User Manual.



1. **Catch-pot:** Fit the catch-pot to the vacuum pump by clipping it to the ventilation holes on the side of the pump.





- 2. Exhaust hose:** Cut a suitable length of exhaust hose and use it to connect the pump exhaust outlet to the catch-pot inlet. Using the remaining exhaust hose, connect the catch-pot outlet to the laboratory fume extraction system.

**Note:** The catch-pot outlet has a filter on the inside of the glass jar.

- 3. Vacuum hoses:** Using the vacuum hoses, connect the concentrator vacuum outlet to the SpeedTrap vacuum inlet; also connect the SpeedTrap vacuum outlet to the pump vacuum inlet. Secure the connections using the hose clips supplied.

**Note:** Unequal length vacuum hoses are supplied, these may be configured to suite the system layout. For example, using the longer hose, the pump may be positioned on a shelf below the SpeedTrap and concentrator.

- 4. Pump control cable:** Electrically connect the pump to the concentrator.



**Caution:** After unpacking the **SpeedTrap** leave to stand for 24 hours before switching on.

- 5. Power cables:** Using the power cables supplied, connect the Concentrator and SpeedTrap to two separate mains power supply outlets.

**Note:** Do not connect the pump directly to the mains power supply; the power cable supplied with the pump is for standalone use of the pump only.