

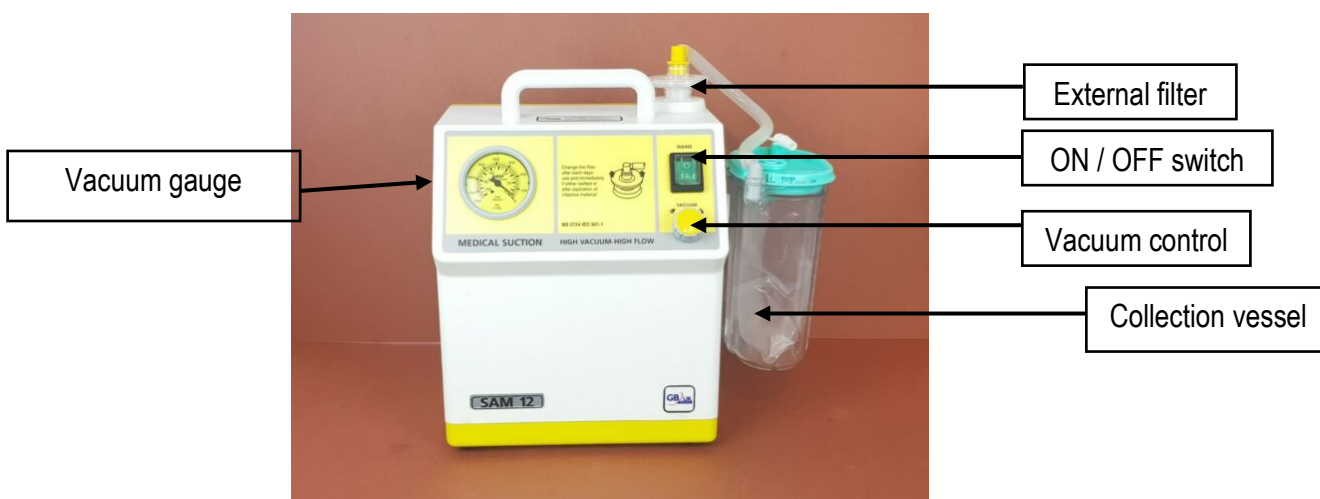


SAM suction unit user guide

This guide has been designed to assist patients in the use and maintenance of a home suction unit, in order to optimise function, patient safety and unit effectiveness. It is a general-purpose high vacuum medical suction unit, incorporating one collection container of 2 litre capacity.

Safety instructions

- Clean unit regularly but do not use solvent-based cleaning agents or abrasive cleaners.
- **Always remove the mains power cable from the power supply before cleaning.**
- Never operate this suction unit in the presence of flammable gas.
- Ensure the power cable does not create a trip hazard or is subject to damage.
- The suction pumps may only be opened by qualified technical personnel.
- Keep the unit out of direct sunlight if possible.



Setting up the unit

- Connect collection vessel to the side of the unit.
- Ensure external filter is attached for safety and hygiene for the patient and operator.
- Connect the patient inlet tube from the filter to the angle connector on top of the collection vessel and the suction tubing to the Yankauer (see picture on following page).
- Connect the unit to a power supply (check label on rear for power ratings).
- Switch the unit on using on / off switch. It should illuminate when on.
- Test vacuum/suction by placing Yankauer in a cup of saline solution or sterile water. If working it should suction up the contents of the cup into the collection vessel.
- While suctioning up the sterile solution, check the pressure gauge on the machine to ensure it does not exceed 20mmHg.

- After suctioning with a patient, rinse the tubing thoroughly by suctioning some saline solution or sterile water after each use to keep tubing clean.
- Once finished, disconnect patient tubing and attach to stopper on the port lid to keep clean.
- Turn the unit off.



Cleaning the unit

- The collection container can be sterilised by washing with water-based disinfectants. Rinse the collection container well to remove any detergent.
- Once the container is full (1750ml), switch power off, disconnect container and replace with an empty one.
- When cleaning, use protective equipment and gloves to avoid contamination.
- Switch power supply off before cleaning the main unit.
- Wipe over with a clean, damp cloth or a mild disinfectant solution.

If you require any replacement parts or servicing of your unit, please contact your district nurse or GP for assistance.

If you need help or have any questions, please contact the Respiratory Department at the Royal Berkshire Hospital for assistance, Tel: 0118 322 6676 or email: rbb-tr.cat11@nhs.net.

To find out more about our Trust visit www.royalberkshire.nhs.uk

Please ask if you need this information in another language or format.

RBFT Department of Respiratory Medicine

Reviewed: March 2024

Next review due: March 2026