

The logo consists of the letters 'MGE' in a bold, dark blue, sans-serif font. The letters are set against a white rectangular background that has a slight drop shadow, making it stand out from the blue background. A thin, light blue curved line starts from the left edge of the slide and points towards the top-left corner of the white box.

MGE

**Manufacturers of the SAM range
of Medical Suction Equipment**

MGE

SAM 35 Suction Unit



www.mgeworldwide.com

Overview



SAM 35

- Used as a higher powered suction unit in Operating Theatres or where higher Flow and Vacuum levels are required.
- Compact Design fitted with 4 Anti-Static Castors for easy movement.
- Reliable continuous 24hr operation
- High vacuum, high flow performance
- Variety of options for Collection Canister size including disposable systems.
- Fast, Efficient and Quiet aspiration delivered to the patient



SAM 35 4 litre

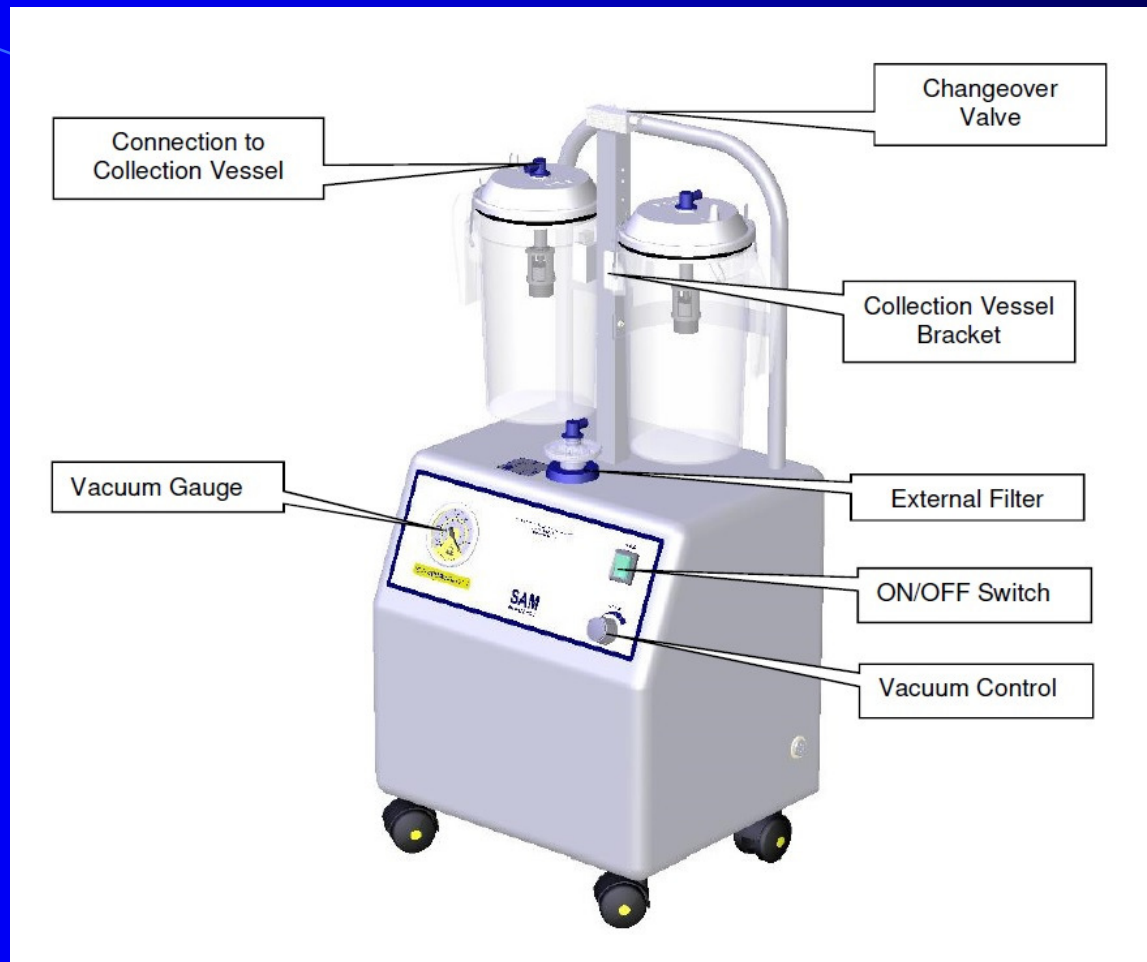
Technical Specifications

SAM 35

OPERATING THEATRE UNIT

Vacuum	0 to 0.9 bar / 0 to 675 mmHg
Flow rate	50 l/min
Collection Jars	2 x 2 litre or 2 x 4 litre
Unit Dimensions	84 x 39 x 33 (H x W x D cm)2x2 84 x 43 x 33 (H x W x D cm)2x4
Weight	25kg
Noise Level	55dB
Voltage	230v +/- 10%~ 50/60Hz 110v +/- 5%~ 50/60Hz
Complies with	Medical Directive 93/42/EEC BS EN ISO 10079-1 BS EN 60601-1 BS EN 60601-1-2

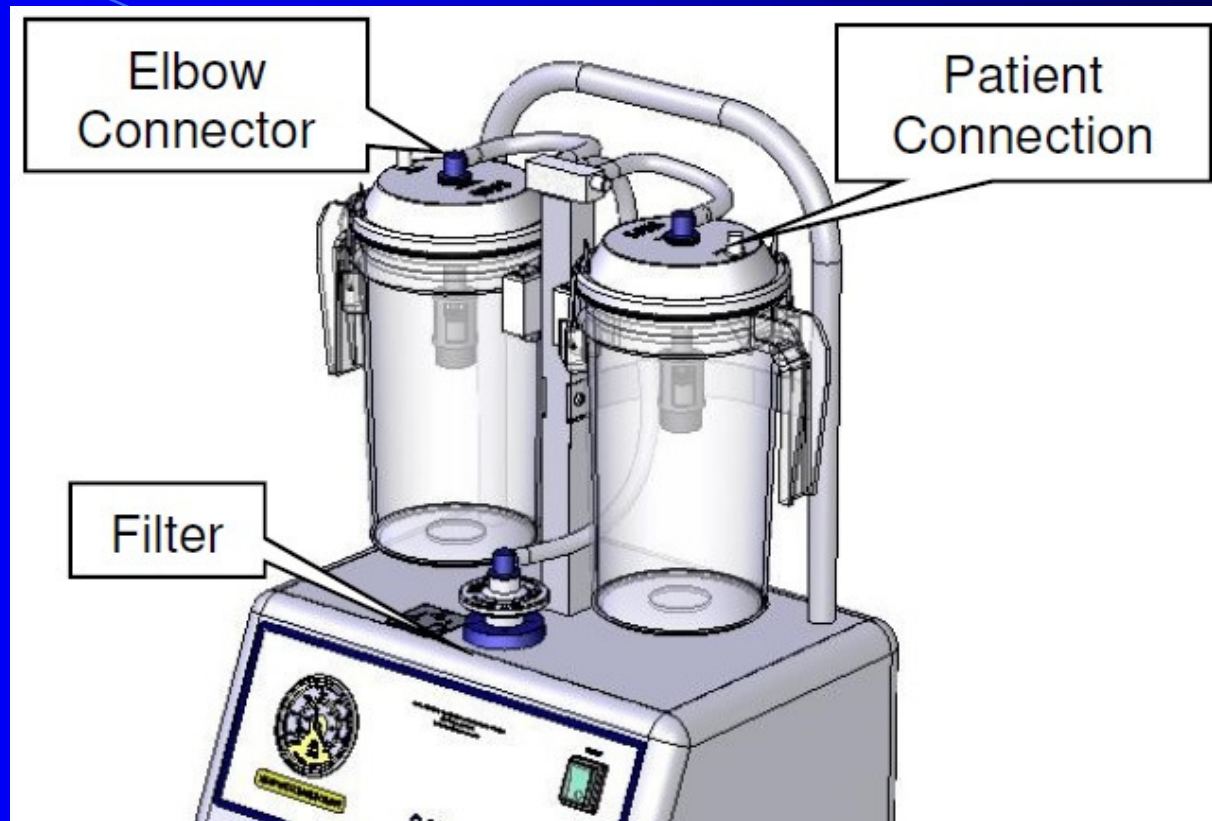
Key Components



Checking the unit prior to use

- Inspect the unit to confirm it is clean.
- Check that the Contamination Defence Filter is clean and fit for use.
- Check unit external pipework is correctly connected.
- Ensure the unit is plugged in to an appropriate electrical power supply

Check the pipe connections



Setting the Vacuum Level

- Connect the Patient tube to the patient connection on the top of one of the SAM 2 collection vessels.
- Confirm that the Canister Change-Over Valve situated between the 2 Canisters is set to the same SAM 2 that the Patient tube is connected to.
- Turn the unit on. The green on \ off button will illuminate and the pump will be heard running.
- Turn the vacuum control knob fully clockwise to set the unit to maximum vacuum.

Setting the Vacuum Level - 2

- Occlude (Block) the patient tube and check the vacuum increases. It should reach at least 450mmHg within 10 seconds if the unit is performing correctly.

NOTE : A good way to occlude the patient tube is to bend it in half tightly between your fingers

- With the Patient tube still occluded, turn the vacuum control knob anti-clockwise to reduce the vacuum reading on the gauge to the required level as per your training.

Setting the Vacuum Level - 3

- Now the vacuum level is set, release the occlusion (Unblock it) and carry out the procedure in accordance with local guidelines ensuring you do not over fill the collection canister.
- If the procedure involves a high level of Fluid extraction and requires use of the 2nd Collection canister, the suction can be switched using the Change-Over Valve on top of the SAM 35 and then moving the Patient tube over to the patient connection on top of the 2nd collection canister.
- When the procedure is finished, turn off the unit.

Cleaning \ Daily Maintenance

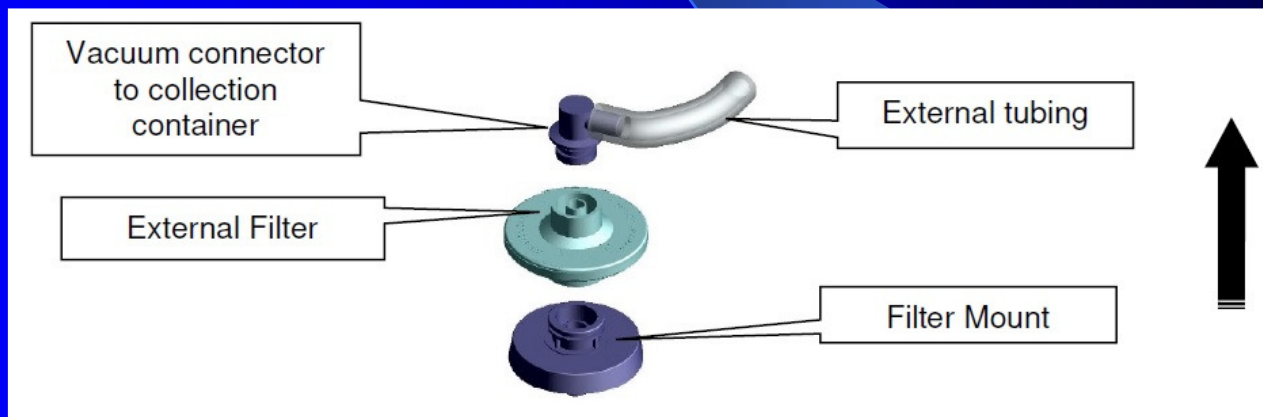
After each Use ;

- Remove the patient tube and Collection vessel. Dispose of the fluids as per your local instructions.
- Wipe the unit clean with a damp cloth using a mild disinfectant. The unit is not designed to be immersed in water
- Wash the collection vessels in a mild disinfectant solution. Do not leave to soak though as this may damage the plastic.

NOTE : Do not use solvent based cleaning agents

Daily Maintenance

- Examine all external tubing for aging, damage or contamination. Replace as necessary.
- Examine the collection container for damage. Replace as necessary.
- Examine the Contamination defense filter. Replace if contaminated or as per local infection control guidelines.



Basic Troubleshooting

- The unit does not function when turned on
Check the unit is plugged in and the green light illuminates on the On \ Off Switch. If it does, contact engineering for further assistance.
- The pump is running but there is no suction.
Check the unit external pipework is correctly connected and not blocked.
The internal Hydrophobic filter on the unit may be blocked.
Contact engineering for further assistance.

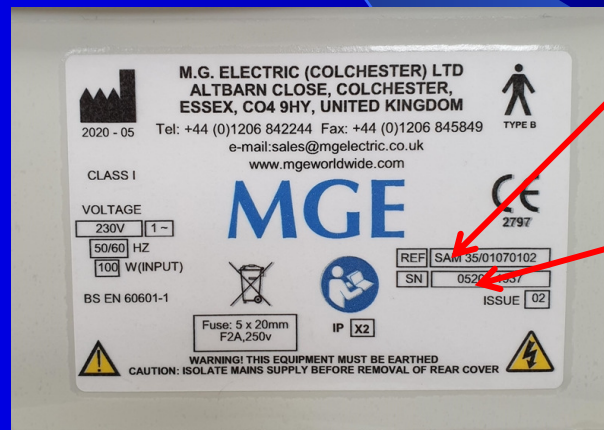
If in doubt as to the operation or safe working of the unit, contact your local support team to discuss your concerns before using.

Troubleshooting Information

If contacting your support team for further assistance, it is suggested that you quote;

1. What the issue with the unit is.
2. The Model number of the unit.
3. The Serial Number of the unit.

NOTE : The Model and Serial numbers can be found on the ratings label on the rear of the unit.



Model number

Serial number

Accessories



Filters

All MGE Products are supported with a full range of accessories and spare parts



Tubing and yankers

Only genuine MGE filters and Spare parts should be used on SAM units.
If they are not marked with MGE and SAM, they are not genuine parts!

MGE

SAM
Suction Units

THE NEXT LIFE THEY SAVE COULD BE YOURS

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