

SAM 14 SUCTION UNIT

DATA SHEET

The SAM 14 aspirator is a top quality surgical suction unit designed to be highly adaptable. The SAM 14 is a high flow, high vacuum unit ideal for use in general wards, accident and emergency, minor operating theatres and intensive care. Its reputation for reliability and ease of operation has established it among the most widely used units in the medical world today.

As standard, the SAM 14 incorporates two autoclaveable SAM 2 collection vessels fitted with float valve systems, providing automatic shut-off to avoid over-flow.

The easy to use change-over valve allows the operator to switch to the second jar when the first is full providing smooth and uninterrupted suction.

The SAM 14 is also available with a choice of disposable collection systems including Serres, Abbott, VacSax and Pennine.

Other disposable collection systems can be fitted to the SAM 14 on request.



The unit incorporates an MQ25 oil free diaphragm vacuum pump that requires minimal maintenance and helps prevent cross contamination. The MQ25 also benefits from an enclosed crankcase for quiet operation, IP44 totally enclosed fan cooled (TEFC) permanent capacitor motor with long life sealed bearings and thermal protection.

The SAM 14 has multiple safety features including overflow control valves and an internal hydrophobic filter to minimise the risk of contamination.

The unit is fitted with two bacterial filters externally but will be provided with hydrophobic filters if required.



MGE are happy to work with Medical Institutions with specialist requirements for suction equipment. These requirements can be as simple as producing tailor made stands for equipment right up to the development of specific medical units. Please contact us if you would like to discuss your requirements and see how we can assist in providing you with a solution.

SAM 14 General Ward & Minor Operating Theatre Unit

Voltage	230v +/- 10% ~ 50/60Hz 110v +/- 5% ~ 50/60Hz
Vacuum	0 to 0.85 bar / 0 to 650 mmHg
Flow Rate	30 l/min
Collection Jars	2 x 2 litre
Unit Dimensions H x W x D cm	38 x 65 x 20
Weight	11kg
Noise Level	65 dB



All MGE medical equipment is assembled in accordance with ISO 9001 Quality Management System and European CE Legislation.