

SAM 420 PORTABLE SUCTION UNIT

DATA SHEET

The SAM 420 aspirator is a top quality medical unit providing high flow, high vacuum performance and is specifically designed for portable and emergency use.

The SAM 420 can be run from mains power, internal batteries (45 mins continuous running) and 12v supply e.g. cigarette lighter, and has proved to be ideal for use in ambulances and in the field.

As standard, the SAM 420 incorporates an autoclaveable 1000cc collection vessel.

The SAM 420 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 420 on request.



The unit also includes the 007 oil free diaphragm vacuum pump with a totally enclosed dc motor. The pump requires minimal maintenance through the benefits of permanently lubricated bearings, reinforced head and connecting rod assembly which is balanced for smooth operation.

The SAM 420 has multiple safety features including overflow control valves and an internal hydrophobic filter to minimise the risk of contamination.

The unit is fitted with a bacterial filter externally but will be provided with a hydrophobic filter if required.



SAM 420 Portable Suction Unit

Voltage	12v DC 90 to 264V AC 50/60Hz
Vacuum	0 to 0.8 bar / 0 to 600 mmHg
Flow Rate	25 l/min
Collection Jars	1 x 1 litre
Unit Dimensions H x W x D cm	34.5 x 34 x 13.5
Weight	5kg
Battery Run Time	45 minutes

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.



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