

# SAM 14

## datasheet



The SAM 14 aspirator is a top quality surgical suction unit designed to be highly adaptable. It 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.

### TECHNICAL SPECIFICATIONS

#### Performance

Maximum achievable suction: 650 mm Hg / 0.85 bar  
Maximum flow rate: 30 l/min  
Classification: High vacuum / high flow (ISO 10079-1)  
Power input (watts): 90

#### Pump Type

MQ25 oil free diaphragm vacuum pump requiring 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.

#### Electrical specification

230v +/- 10% ~ 50/60Hz  
110v +/- 5% ~ 50/60Hz

#### Electrical protection

Type B, Class II (double insulated)  
EN 60601-1 and BS EN ISO 10079-1

#### Motor classification

BS2757 Class B (insulated)

#### Noise level

65 dB

#### Collection vessel

Type:

Standard: SAM 2

Options: Disposable liner systems including Serres, Abbott, VacSax and Pennine

SAM 2

Sterilisation:

Autoclavable up to 138°C

Number:

2

Capacity:

2000 ml

Graduations:

0 - 2000 in increments of 100 ml

Protection:

Overflow safety cut-off float valve

#### Filter type

Sealed disposable bacterial or hydrophobic filter with particle retention to 0.3 micron (not less than 99.985% D.O.P.)

#### Model

Static, mobile or bedside

#### Standards

BS EN ISO 9001  
BS EN ISO 10079-1  
EN 60601-1

#### Approvals

CE

#### Dimensions

Height: 38 cm  
Width: 65 cm  
Depth: 20 cm  
Weight: 11 kg

# MGE

Authorised Distributor



0086

