



# SAM 35

## datasheet

The SAM 35 aspirator is a top quality surgical suction unit providing high flow, high vacuum performance. The unit is designed primarily for major operating theatre use and can also be used in lipo-suction procedures. 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: 675 mm Hg / 0.9 bar  
 Maximum flow rate: 50 l/min  
 Classification: High vacuum / high flow (ISO 10079-1)  
 Power input (watts): 100

#### Pump Type

MQ45 oil free diaphragm vacuum pump requiring minimal maintenance and helps prevent cross contamination. The MQ45 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 I  
 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:* SAM 4, disposable liner systems including Serres, Abbott, VacSax and Pennine  
 Autoclavable up to 138°C -

Sterilisation:

Number:

2

Capacity:

SAM 2 - 2 x 2000 ml

SAM 4 - 2 x 4000 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

Mobile

#### Standards

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

#### Approvals

CE

#### Dimensions

Height:

**SAM 2**

84 cm

**SAM 4**

84 cm

Width:

39 cm

43 cm

Depth:

33 cm

33 cm

Weight:

25 kg

25 kg

# MGE

Authorised Distributor