

SAM 18

d a t a s h e e t



The SAM 18 aspirator is a top quality surgical suction unit designed for low flow, low vacuum applications. It has been specifically designed for use in intensive care to provide chest or lung drainage, in recovery rooms where unconscious patients lose their gag-reflex and in burns and paediatric wards where continuous low flow/low vacuum is required. It has a strong reputation for reliability and ease of operation and is among the most widely used units in the medical world today.

TECHNICAL SPECIFICATIONS

Performance

Maximum achievable suction: 150 mm Hg / 0.2 bar
Maximum flow rate: 5 l/min
Classification: Low vacuum / low flow (ISO 10079-1)
Power input (watts): 32

Pump Type

MQ8 oil free diaphragm vacuum pump requiring minimal maintenance and helps prevent cross contamination. The MQ8 also benefits from an enclosed crankcase for quiet operation and a skeleton frame, shaded pole 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

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:

1

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: 45 cm
Depth: 20 cm
Weight: 9 kg

MGE

Authorised Distributor

Item No: DAT 8
Issue: 2



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