





The protective ventilation





Performance



Design and ergonomics



rotameter

0.5 L/min 0.5

Flush + Safety O₂ Suction

O₂ Auxiliary Fresh Gas exchanger









Configurable user interface



21.5" Touch screen (54.61 cm)

Supported by an arm with 360° rotation and titable on two axes.

Interface: warm, cold and dark light.

Different languages.

Patient information

+ (Age, Weight, MAC, ASA Class)

Shows measurements :

+ (Pressures, Volumes, Type of frequency, Gases...)

Configurable Alarms

ALARM ALERT







U[•]U

Alveolar Recruitment

Protective Ventilation



✓ 100% Customizable Recruitment

Automatic calculation of the optimal PEEP



Safety

New concept



Safety comes first

Compact Anaesthesia Breathing System (CABS)

+ Patient gases contained and autoclavable (134 °C).

Cost savings

AGSS

+ Monitoring of the operating room anaesthetic gas evacuation system (AGSS) and warning of possible contamination.



Versatility

Compatible with other respiratory circuits + re-inhalation, semi-closed or non-re-inhalation.

Complete ventilatory monitoring + capnography and monitoring of multigas anaesthetic gases. Masimo[®] (main-stream and side-stream).

Two optional auxiliary arms + integration of multiparameter monitor and infusion pump.

of Modularity



Simple procedures

+ Installation, calibration, maintenance and replacement.
 + 4 independently tested functional modules.



Operation / Ventilation modes

Volume Controlled Ventilation - VCV

Pressure Controlled Ventilation - PCV

Adaptative Pressure Ventilation with Guaranteed Volume - APVG

Pressure Support Ventilation - PSV

Options for all models



Synchronized Intermittent Mandatory (SIMV)

Pressure Support (PS)







+ Ventilation with **Open circuit**

+ Manual Ventilation + Spontaneus Ventilation

Scope : neonates, children, adults

Tidal Volume → 5 to 1500 mL (Pressure Controlled - PCV) | 20 to 1500 mL (Volume Controlled - VCV)

Maximum pressure
Inspirational pressure
Ventilation frequency
Inspirational time
I:E Ratio
Inspirational pause

0 – 68 hPa
0 to 68 hPa
3 to 120 min ⁻¹
0.05 to 16.6 s
5:1 to 1:8
0 to 60 %

Inspirational Flow	Max. 150 L/min
PEEP	0 – 30 hPa
Trigger by flow	0.2 – 15 L/min
Support pressure	5 – 50 hPa
Ramp time	0.1 – 2 s
Fresh gas	0.1 - 18 L/min



Loops (up to 2 simultaneously):

Flow-Volume Pressure-Flow Flow-Pressure Gases Gases + limits Airway



Peak pressure Plateau pressure

Inspiratory and expiratory tidal volume Expiratory minute volume

Total and spontaneous respiratory rate

Dynamic Compliance and Resistance (VC)

Gas supply pressures for O₂, N₂O and Air

Gas concentrations: O₂, N₂O, CO₂ and Agent anaesthetic with Automatic Identification

Minimum Alveolar Concentration (MAC)

GASES

Gas monitoring (Multi-gas analyzer) Main-stream or Side-stream O₂ monitoring Paramagnetic sensor (non-consumable) Galvanic sensor



Monitoring



(up to 3 at the same time) *Graphics*

"In real time

Flow Capnography Pressure O₂, N₂O Volume Agents "Trends Capnography VMe O₂, N₂O MAC Agents Cdyn

Indication of AGSS performance Digital fresh gas rotameters for O₂, N₂O, Air.



Technical Characteristics

Weight Dimensions Dimensions of packaging Electricity supply Consumption Battery life Auxiliary electrical sockets Gas supply Screen Storage capacity Lighting

105 Kg
92 cm wide x 68 cm deep x 146 cm high (93 cm to the working surface)
105 cm wide x 75 cm deep x 160 cm high
110 a 240 V~, 47 to 63 Hz (12 a 6 A)
120 W
90 min (% on screen)
4, with automatic protection
2.7 a 6.9 bar (39.1 - 100 psi)
TFT 21.5" - tactile
Front drawer with self-brake and 2 rear compartments
Adjustable LED bar on work surface and vaporizers

Security and connectivity









Optional accessories





PAEDIATRIC FLOW-P



REUSABLE CO₂ ABSORBENT CANISTER



CABLE SUPPORT

ARM FOR MULTIPARAMETRIC MONITOR





MULTIGAS MONITORING

* Automatic identification of CO₂ N₂O gas and 5 agents (HAL, ENF, ISO, SEV, DES)

- SIDE-STREAM (ISA) + Galvanic O₂

- SIDE-STREAM (ISA) + Paramagnetic O₂
- MAIN-STREAM (IRMA) + Galvanic O₂

VAPORIZERS OF ANAESTHETIC AGENTS

- Halothane
- Isoflurane

Enflurane

√ Masimo[®]

– Desflurane – Sevoflurane







Illumination of the working surface and vaporizers



Possibility of configurations



Version with support for ceiling system

(The picture of the suspension system is a simulation. Does not correspond to any available accessory)



NATO Cataloguing



120 *120 99 *18 30 38.1 99 *18 30 38.1 99 *18 30 *120 90 *120 90 *100 90 *





- Andrew



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