

DATA FOR ORDERING










MORPHEUS M LIGHT



OM3.M MORPHEUS M LIGHT
Anaesthesia Workstation with mechanical gas mixing system

Revision on November 2018 DU0900503



 <p>Code 100150/IDF Isoflurane Vaporizer</p>	 <p>Code 100151/IDF Desflurane Vaporizer</p>	 <p>Code 0300E Active gas scavenger</p>
 <p>Code 100148/IDF Fluo- Halotane Vaporizer</p>	 <p>Code 06751 Stainless steel patient circuit supporting arm</p>	 <p>Code A57.049-800601 Sidestream gas analyzer (5AA, N₂O, CO₂)</p>
 <p>Code 100145/IDF Code 100145/Q (Quik fill) Sevoflurane Vaporizer</p>	 <p>Code 30900 TOP SPECIAL 1 Kg CO₂ absorber rechargeable</p>	 <p>Code A57.049-800101 Sidestream CO₂ analyzer</p>
<p>Code 001562/SLR Silicone patient circuit for adult Code 001562/SLRP Silicone patient circuit for pediatric Code 001562/SLRN Hytrex patient circuit for neonatal</p>		

FOR OTHER ACCESSORIES, PLEASE REFER TO THE PRICE LIST IN FORCE



ANAESTHESIA

MORPHEUS M LIGHT

Distributed by:



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MORPHEUS M LIGHT

MECHANICAL GAS MIXING SYSTEM

The Morpheus is an anaesthesia workstation suitable for treatment of adults, children and new-borns. It is provided with 3 rotameters keeping both the same characteristics of the system. The unit frame is made for 30% of light alloy and for 70% of fully recyclable plastic material. Thanks to the material used, the Morpheus has a total weight of less than 80 kgs.



MANUAL VENTILATION SYSTEM

The Morpheus is equipped with an advanced manual ventilation system that can be switched on and off automatically by the ventilator; the operator can select the APL system or the AUX system with traditional To-and-Fro valve and O₂ by pass safety system.



ELECTRONIC VENTILATOR WITH 12" TFT COLOUR DISPLAY

The ventilator works by a microprocessor electronic control system with a simple and intuitive interface, which allows the anesthetist to operate in a clear and safe way. Unique control by encoder for the regulation and management of all respiratory parameters. This system incorporates the automatic compensation of dead space, the leakages calculation and the automatic calibration of FiO₂ transducer.

Operative modes:

- MANUAL,
- VC-VAC,
- VC-VAC BABY,
- APCV,
- APCV-TV
- SPONT,
- SIMV (VOLUMETRIC+PS, SPONT)
- PSV,
- APONEA BACK-UP
- GAS ANALYSIS (OPTIONAL)
- (CO₂, NO₂, O₂, AGENT)
- (MAC)

Measured parameters:

- Paw, PEEP, Vte,
- ExpMV, Rate, I:E
- FIO₂
- TPause (%)
- InspFlow, ExpFlow
- Tinsp, Texp, Tpause
- Cs, Ri

Ventilation curves:

- Pressure
- Flow
- Volume
- Loop (volume/pressure, volume/flow)
- Measurement range auto



SIARE FLOW

The respiratory dynamics analysis of Morpheus is made through the exclusive SIARE FLOW[®] sensor with operating principle by magnetic disturbance. This reusable and sterilisable flow sensor is placed directly inside the expiratory valve and thanks to its advanced technology it can analyse volumes below 10 ml.

BREATHING SYSTEM

The Morpheus breathing system is an absolute novelty. Its design philosophy is the result of almost 40 years experience in anaesthesia field. The system is compact, lightweight for manual removal and fully autoclave. The patient group is supplied with an automatic heating system avoiding humidity with possibility to use reusable CO₂ adsorbers canister (TOP SPECIAL) of 1 Kgs. Both adsorbers are with quick-release enabling replacement also during anaesthesia.



OPTIONAL:

Turbine driven independent from the gas supply system (in this use it's necessary a pneumatic oxygen supply only)