



ANAESTHESIA

MORPHEUS ND

The new dimension of Anaesthesia





The **MORPHEUS ND** is an innovative and exclusive equipment in the latest anesthesia generation with new dimensions. **MORPHEUS ND** is in fact the smallest anesthesia machine on the market, with a weight of less than 25 kg and a reduced size (55x51x42.5 cm), equipped with a large 15" touch screen color display.

The lung ventilator can work even in the absence of compressed gas and mains voltage. A special and very quiet TURBINE (<30 dB) guarantees its functionality even with battery. In addition, the patented HYBRID system allows operation with compressed gases in the event of turbine failure. This makes it suitable to be used even in difficult or uncomfortable situations.

The fresh gas dosing system guarantees maximum safety, thanks to the system with double valve and double control. This way, the supply of oxygen can never be interrupted and in case of failure, there will be no overdoses of nitrous oxide.

The **PROTOCOLK** safety system is able to analyze, on power-up, the coherence of the gases connected to the machine, warning the operator in case of wrong connections so as to avoid fatal accidents for the patient.





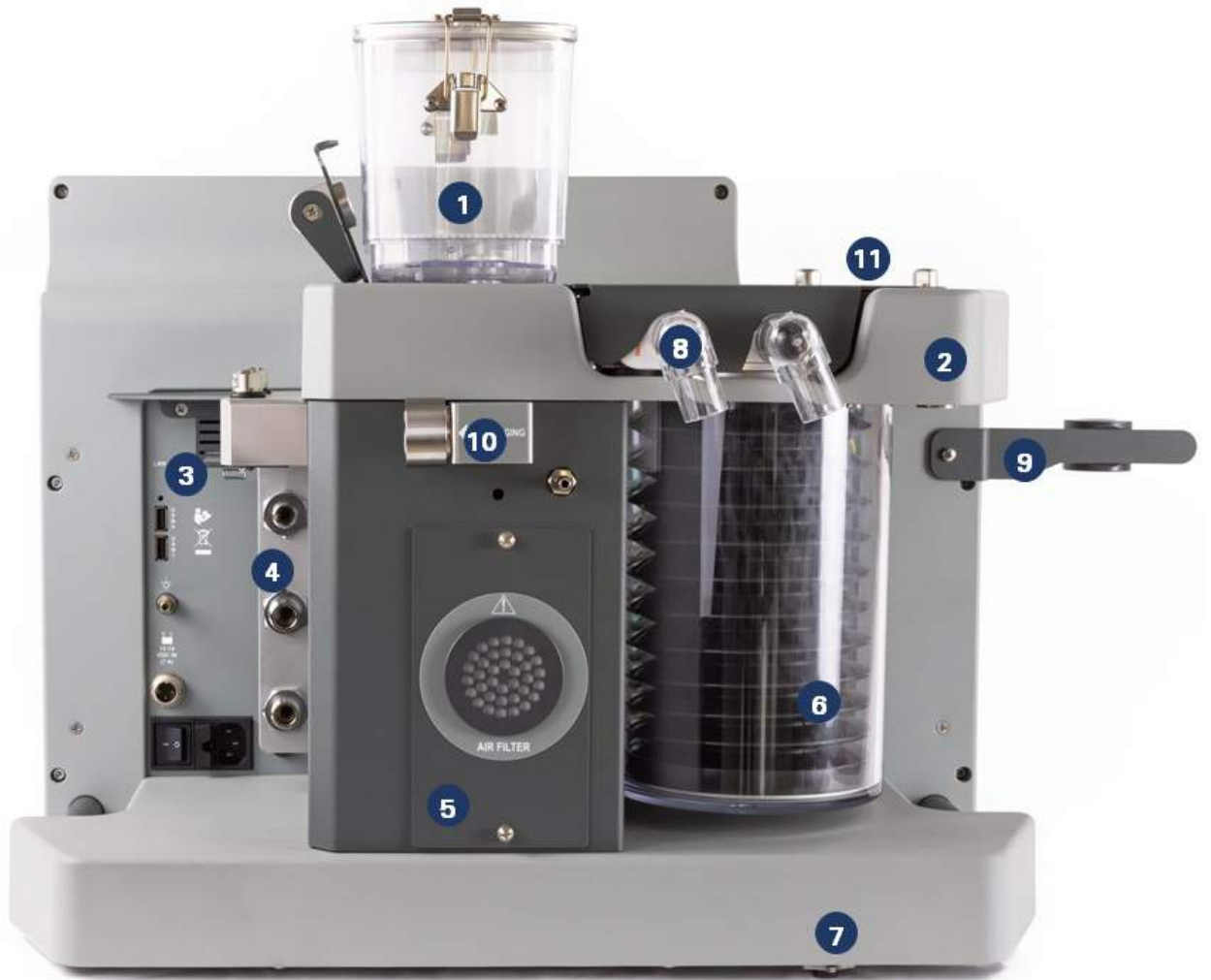
- Practical and simple, with standardized user interface and nomenclature
- Pre-use checklist supported by complete automated self-diagnostics
- Protective lung ventilation, of a quality similar to UTI's one, for the needs of the single patient
- Ergonomic workstation combinations, tested for compatibility with patient monitors, screens, PCs, infusion pumps, etc.
- Ventilator equipped with double turbine propulsion and Hybrid medical gas. More security and very low maintenance costs
- Exclusive PROTOLOCK security system. Analyzes the coherence of the gases connected to the machine
- Heated ventilation system, optimized for anesthesia at low and min flows
- Exclusive Micro Flow multipurpose, magnetic flow sensor, capable of analyzing minimum volumes of 2 ml
- Ergonomics that facilitates cleaning and disinfection





- Weight <25 Kg
- Small size
- Propulsion of the driving force of the system, with high efficiency turbine, HYBRID SYSTEM
- It can be positioned both left and right of the patient, thanks to his connections
- Electronic gas mixer
- Tidal volume from 2ml to 1500ml
- Double input touch screen with encoder knob and keys
- Protolock safety system for analyzing the coherence of centralized gases connected to the machine at power-up, alerting the operator in case of wrong connections, so as to prevent and avoid fatal accidents for the patient





- 1. Co2 absorber canister
- 2. Patient Breathing System
- 3. USB input
- 4. Connection of centralized medical gases
- 5. Integrated turbine

- 6. Bellows
- 7. Protolock system
- 8. Rotating INSP and EXP lines
- 9. Manual ventilation support
- 10. Gas discharge
- 11. Gas Vaporizer support





DATA FOR ORDERING



MORPHEUS ND
Code: MND.SE-T



MORPHEUS ND USA
Code: MND.SE-T/US

 <p>Code 100145/IDF Sevoflurane Vaporizer</p>	 <p>Code 06750/SB Stainless steel patient circuit supporting arm</p>
 <p>Code 100148/IDF Fluo - Halotane Vaporizer</p>	 <p>Code 30920 Top Special 1,5Kg CO2 absorber rechargeable</p>
 <p>Code 100150/IDF Isoflurane Vaporizer</p>	 <p>Code 05050 Trolley for Morpheus ND.</p>
 <p>Code 100151/IDF Desflurane Vaporizer</p>	<p>Code 001562/SLR Silicone patient circuit for adult Code 001562/SLRP Silicone patient circuit for pediatric Code 001562/SLRN Hytrel patient circuit for neonatal</p> 
 <p>Code 0200E Gas scavenging system, passive version</p>	 <p>Code 0300E Gas scavenging system, active version</p>
 <p>Code A68.049-220110 Sidestream CO2 analyzer module</p>	 <p>Code A57.049-800601 Sidestream gas analyzer module (5AA,N2O, CO2) MAC</p>

Preliminary

FOR FURTHER ACCESSORIES PLEASE REFER TO THE CURRENT PRICE LIST.