

Drager Apollo

Anesthesia Machine

Equipped to meet the clinical demands of today and tomorrow

In an increasingly integrated healthcare environment, the anesthesia provider has increasing demands. The interaction between the anesthesia workplace and the rest of the hospital is increasingly complex. With a heightened emphasis on cost reduction in healthcare, our solutions help you reduce operating costs and maximize reimbursement.

The Drager Apollo® was designed in response to feedback from anesthesiologists and CRNAs across the US. Drager has developed a consistent and accepted user interface between Apollo® and its entire anesthesia delivery platform including the Fabius GS, Fabius GS Premium, and Fabius Tiro.

FEATURES

- All functional elements in easy reach of seated or standing users
- Unique breathing bag arm provides the ultimate in flexibility
- Unique larger swivel writing surface
- Integrated auxiliary O2 and pressure gauge where you need them
- Two deep drawers for storage (one lockable drawer)
- Integrated footrest and centrally operated brake
- Integrated, dimmable task lighting
- Integrated power outlet for desflurane vaporizer
- Two or three option mounts with an auto exclusion interlock system



SPECIFICATIONS



Weight (without vaporizers and gas cylinders):
approx. 365 lbs. (165 kg)



Dimensions:
59H x 33.5W x 31.5D



Power: 200 W

Operating Voltage:
100 to 127 VAC
(- 15% + 10%) 45-65 Hz



Ventilator E-Vent Plus:
Electrically driven and electronically controlled, fresh gas decoupled

Ventilation Modes:
Manual, Spontaneous, Volume Mode, Pressure Mode
Optional/Synchronization:
Pressure Support (PS), Volume Mode Autoflow

Pressure Limitation P_{MAX} (In Volume Mode):
(PEEP + 10) up to 70 cmH₂O

CPressure Limitation P_{INSP} (In Pressure Mode):
(PEEP + 5) up to 70 cmH₂O

Trigger:
0.3 - 15 L/min

Tidal Volume VT (compliance compared):
55.1"20-1400 mL

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EASE OF USE

The Drager Apollo® plays an important role in optimizing your anesthesia workflow and reducing process costs with features such as the fully automatic self-test. Since no user interaction is required, you are free to get on with other jobs. In addition to providing you with invaluable assistance through best-in-class therapy, Apollo® also offers you an open-platform architecture - enabling it to be easily integrated into your overall workflow.

ADVANCED VENTILATION

Apollo® has the ventilation technology to care for patients of any age and acuity. The E-Vent plus servo controlled high-speed piston ventilator works with great precision to supply a maximum peak flow far in excess of any bellows ventilator, resulting in the kind of performance previously only seen in the ICU. Additionally, unlike a bellows ventilator, it requires no drive gas. The very short response time has clear physiological benefits for your patients while the digital precision helps you make the most of the latest ventilation modes.

ENHANCED MONITORING

Drager's Infinity® Omega Solution and Innovian® Anesthesia information management system offer advanced monitoring and data management. In addition Infinity's Pick and Go® transport solution not only offers seamless monitoring during transport, its intelligent docking stations and clean cabling system minimize transition times while helping optimize data continuity and patient care.

UNIQUE LOW-FLOW WIZARD

Apollo® is designed to support the user in optimal low and minimal flow settings. The consistent use of low-flow anesthesia techniques can significantly reduce the cost of inhalation anesthetic agent. Reducing the fresh gas flow from 3L/min to 1L/min can result in anesthetic agent savings of up to 50%.

PISTONS VS. BELLOWS

The anesthesia ventilator has traditionally been based upon a bellows design. After many years of producing bellows type anesthesia ventilators, Drager adopted the piston design as the platform for the future.



PEEP in Volume Mode:
0-20 (max. P_{MAX} - 10 cmH₂O)

PEEP in Pressure:
0-20 cmH₂O (max. P_{insp} - 5 cmH₂O)

Fresh-gas Flow:
0-10 L/min for each gas
(oxygen, air, nitrous oxide)

TSLOPE
0 - 2 s

Total System Leakage:
PEEP + 5 to 65 cmH₂O < 150 mL/min at 30 cmH₂O

O₂ Flow Control:
1 Sensitive ORC function:
at least 21 Vol.-% with N₂O
as carrier gas

O₂ Flush:
> 35 L/min

Serial Interface:
2 X RS 232

Protocol:
Medibus, Medibus X

Absorber Volume:
0.00 (Reusable Canister) 1.5L



Refurbished
by Avante