

ATLAS N7

Configurations

Work Surface	Height (With casters)	149cm(58.6inch)
	Width	90cm(35.4inch)
	Depth	65.6cm(25.8inch)
	Safe shelf loading	15 kg±0.5kg
Screen	15.6 inch TFT LED screen, 1366*768 pixels (17" /19" optional)	
Gas control & supply	Electronic control gas mixer, O ₂ , N ₂ O, Air	
Position for vaporizer	Dual positions(Selectatec bar)	
ACGO	Standard	
Electronic Flowmeter	O ₂ ,Air and N ₂ O(numerical/bargraph)	
By-pass	Standard	
Ventilator Software	V-CMV, P-CMV, Standby, Manual/Spont, Optional(P-CMV, P-SIMV, PSV, PRVC)	
Spirometry loop	P-V,P-F,F-V,reference Loop	
Waveforms	Up to 4 waveforms, user configurable	
Li-ion Battery	1 battery, 4800mAh Optional(2 batteries, 9600mAh)	
Castors	Four castors(dual wheels 125mm) with 4 separate brakes	
Drawers	3	
Built-in heater	Standard	
Auxiliary power outlets	4	
Reading lamp	LED lighting Included	
O ₂ cell	Standard	
AGSS	Optional	
Gas monitor module	Optional(CO ₂ , AG)	
Vaporizer	Optional(Drager/Penlon/Northern)	
Spare cylinder yoke	Optional(O ₂ , N ₂ O)	
Patient monitor	Optional	
Suction device	Optional	

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Atlas N7 Anesthesia Machine



Northern Meditec Limited



Durable breathing system

Metallic breathing circuit, upward or downward bellows design.
Easy to disassemble for clean and sterilization demand.
By-pass Tech for soda lime canister.
Position detection of breathing system installation.
Support the demand of autoclaving at 134°C.

Excellent CO₂ absorber

Soda lime canister can be easily operated by one hand.
Easy to exchange soda lime during the operation.
Position detection of canister installation.
PPSU can support the demand of autoclaving at 134°C.



Superior ventilator

10~1500ml tidal volume range, suitable for neonates, pediatrics and adults.
Fresh gas, compliance and leakage compensation.
VCV, PCV, PSV, SIMV, ACGO, Manual ventilation modes.
Alarms of incorrect installation of breathing system and soda lime canister.

Features:

- 15.6" TFT touch screen, integrated patient monitor design.
- User friendly design interface, easy to operate.
- Human engineering design, rotatable supporting arm and adjustable angle.
- Full-electronic control and electronic flow meter, precise control and accurate data monitoring.
- All ventilation modes to satisfy neonate, pediatric and adult patients.
- Integrated breathing circuit with built-in heater.

Large workbench

Can be easily disassembled for clean and sterilization.
Stainless steel material can stand any chemical sterilization agent.
LED lights equipped to provide lighting for the workbench.



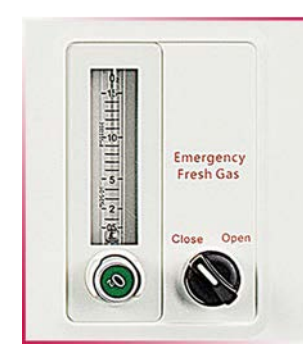
Atlas N7
Anesthesia Machine



Advanced technology and design



ACGO



**Emergency
Fresh Gas**



**Attachment
Bracket**



**Auxiliary
Outlet**



AGSS



Fully-Electronic control

- Double touch screen, special and simple-operation screen layout.
- Fully-Electronic for flow meters(Unique design), functional-test: including system leakage and compliance. calculation, automatic switchover, if O₂/N₂O/Air deficiency: O₂ ↔ Air, N₂O→O₂
- Fully-Electronic fresh gas flow control(Unique design), gas supply measured by presure sensor.
- Electronic and Mechanical Flush O₂ .
- Bypass switch, absorb switch status detect, 4 wave display in the same screen.

Smart operation & control



Auto FiO₂

One key FiO₂ set up, automatic adjust oxygen flow to maintain FiO₂ if fresh gas has changed.
Touch and slide to modify the setting value, high efficient operating.



Electronic & Mechanical Flush O₂

Flush O₂ can be operated by electronic button on the touchscreen or mechanical button on the workbench, user friendly control.



Color coding

Different color stands for different parameter unit, it is very intuitive for the user to check and distinguish different parameters simply by the colors.