

**ATLAS N7****settings**

work surface	Height with <b>wheels</b>	149cm (58.6 inches) 90cm
	Broad	(35.4 inches) 65.6cm
	Depth	(25.8 inches) 15kg±0.5kg
	Safe rack loading	
Screen	15.6 inch TFT LED screen, 1366*768 pixels (17"/19" optional)	
Control and gas supply	Electronic control gas mixer , O2, N2O, Air	
Position for vaporizer	Dual Positions (Selectatec Bar)	
ACGO	Standard	
electronic <b>flowmeter</b>	O2, air and N2O (numeric/ bar graph)	
bypass	Standard	
fan software	V-CMV, P-CMV, Standby, manual/spontaneous optional (P-CMV, P-SIMV, PSV, PRVC)	
Spirometry loop	PV, PF, FV, reference loop	
waveforms	Up to 4 waveforms, user configurable	
lithium ion battery	1 battery, 4800 mAh Optional (2 batteries, 9600 mAh)	
Wheels	Four wheels (125mm double wheels) with 4 separate brakes	
Drawers	3	
built-in heater	Standard	
Auxiliary power sockets	4	
reading lamp	LED lighting included	
O2 cell	Standard	
AGSS	Optional	
gas control module	(CO2, AG) Optional	
Vaporizer	Optional (Drager/Penlon/Northern)	
spare cylinder yoke	Optional (O2, N2O)	
patient monitor	Optional	
suction device	Optional	

For more information, please contact Northern sales representatives.

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# Atlas N7

## anesthesia machine



*Committed to Excellence*



**Northern Meditec Limited**



### durable breathing system

Metal breathing circuit , bellows up or down design below. Easy to disassemble for cleaning and sterilization demands.

By-pass Tech for soda lime drum.

Position detection of breathing system installation . Support the demand for autoclaving at 134y.

### Excellent CO2 absorber

The soda lime canister can be easily operated with a hand. Easy to change soda lime during operation.

Vessel installation position detection .

PPSU can withstand the demand of autoclaving at 134y.



### top fan

Tidal volume range from 10~1500ml, suitable for newborns , pediatrics and adults.

Fresh gas, compliance and leak compensation. VCV, PCV, PSV, SIMV, ACGO, Manual ventilation modes. alarms of improper installation of breathing system and canister soda lime

### Characteristics:

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

### large workspace

It can be easily disassembled for your cleaning and sterilization.

The stainless steel material can support any agent chemical sterilization.

LED lights equipped to provide lighting for the workbench.

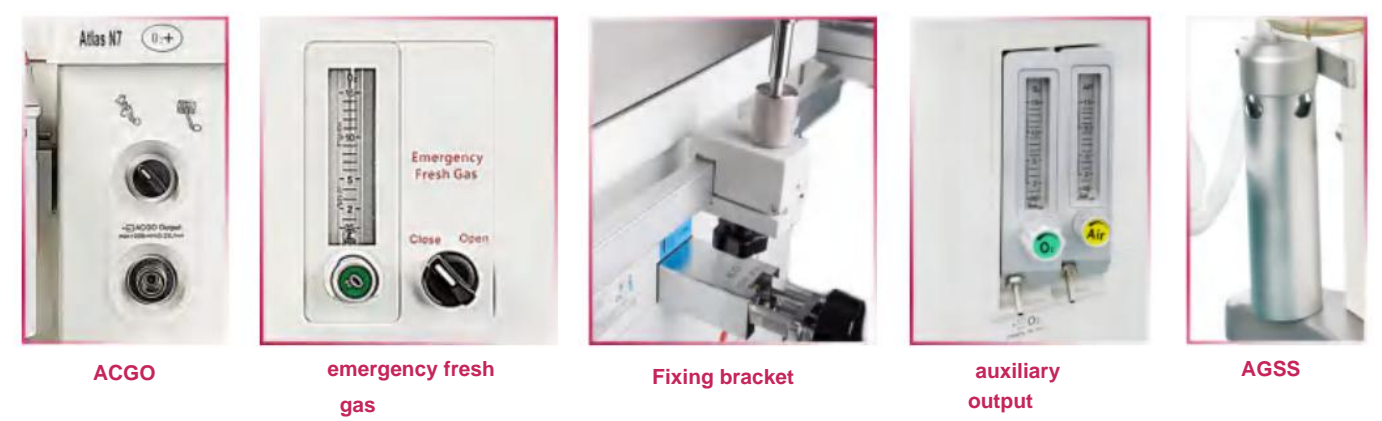




Atlas N7 Atlas N7  
Anesthesia Machine



Advanced technology and design



ACGO

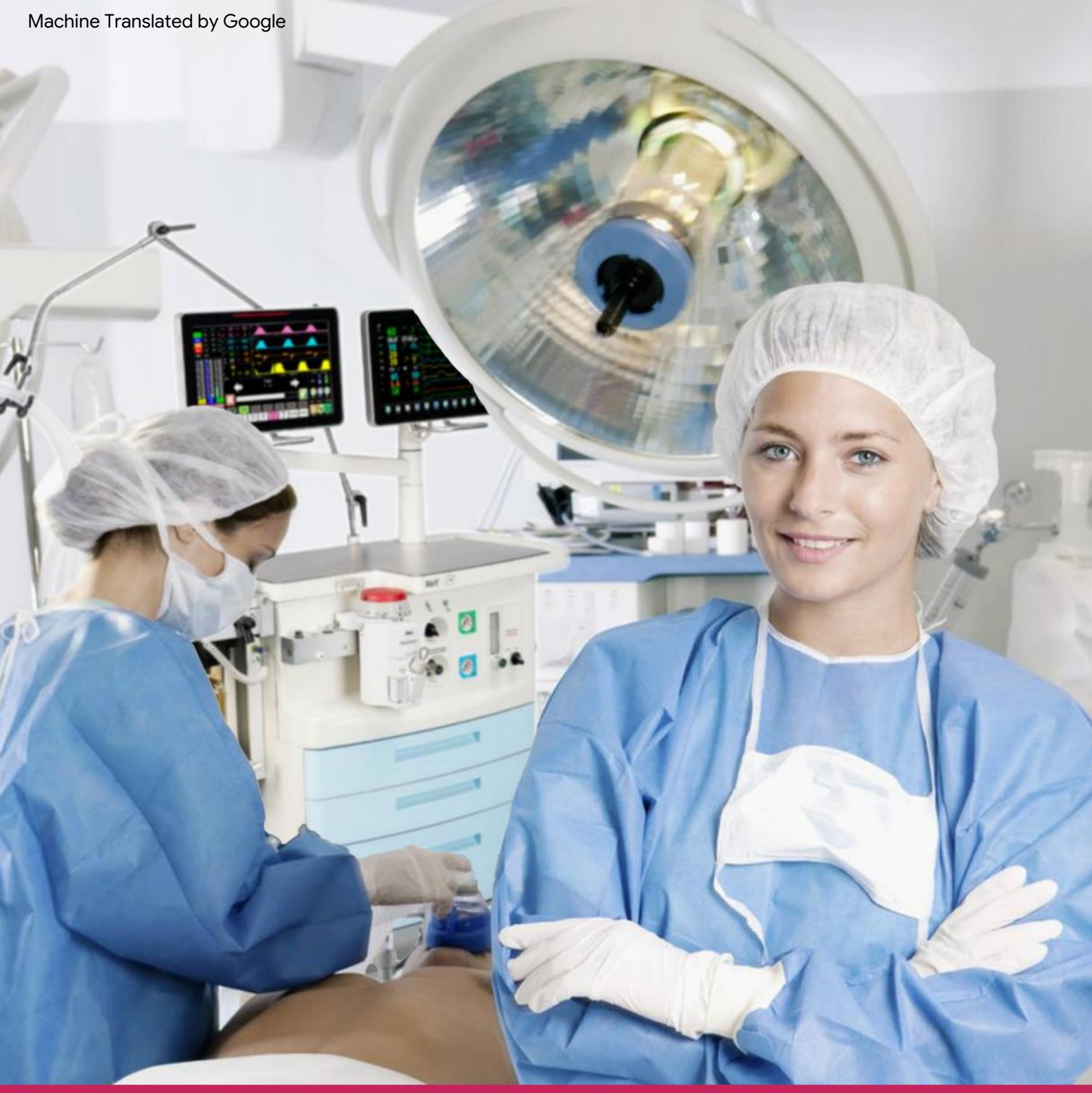
emergency fresh gas

Fixing bracket

auxiliary output

AGSS



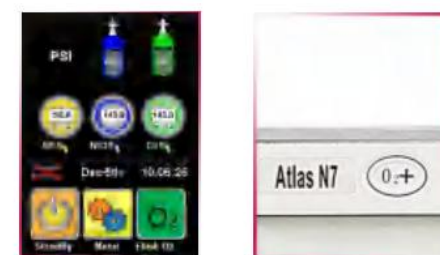


## Intelligent operation and control



### Auto FiO2

One-key FiO2 setting , **automatic** flow adjustment oxygen to maintain FiO2 if fresh gas has been changed. Touch and slide to modify the setting value, high-efficiency operation.



### Flush O2 Electronic and mechanical

Flush O2 can be operated by an electronic **button** on the touch screen or a mechanical button on the workbench, easy to use controller .



### Color code

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

## fully electronic control

- Double touch screen , special screen design and simple operation .
- Fully electronic for flowmeters (unique design), functional test: includes system leaks and compliance calculation, automatic changeover, if O2/N2O/air deficiency: O2 to Air, N2O to O2
- Fully electronic fresh gas flow control (unique design), gas supply metered by pressure sensor.
- Flush O2 Electronic and Mechanical.
- Bypass switch, Absorption switch status detection, 4 waveform display on the same screen.