ATLAS N7

Atlas N7
Anesthesia Machine

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_2O, Air
Position for vaporizer	Dual positions(Selectatec bar)
ACGO	Standard
Electronic Flowmeter	O_2,Air and N_2O(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
O2 cell	Standard
AGSS	Optional
Gas monitor module	Optional(CO_2, AG)
Vaporizer	Optional(Drager/Penlon/Northern)
Spare cylinder yoke	Optional(O_2, N_2O)
Patient monitor	Optional
Suction device	Optional

For more information, please contact Northern sales representatives.

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TÜV SÜD

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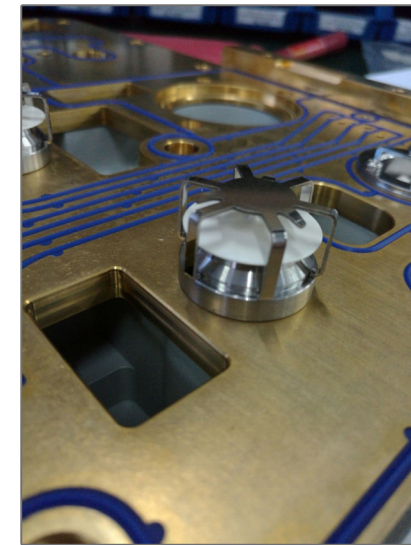
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Durable breathing system

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

Excellent CO_2 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℃.

Superior ventilator

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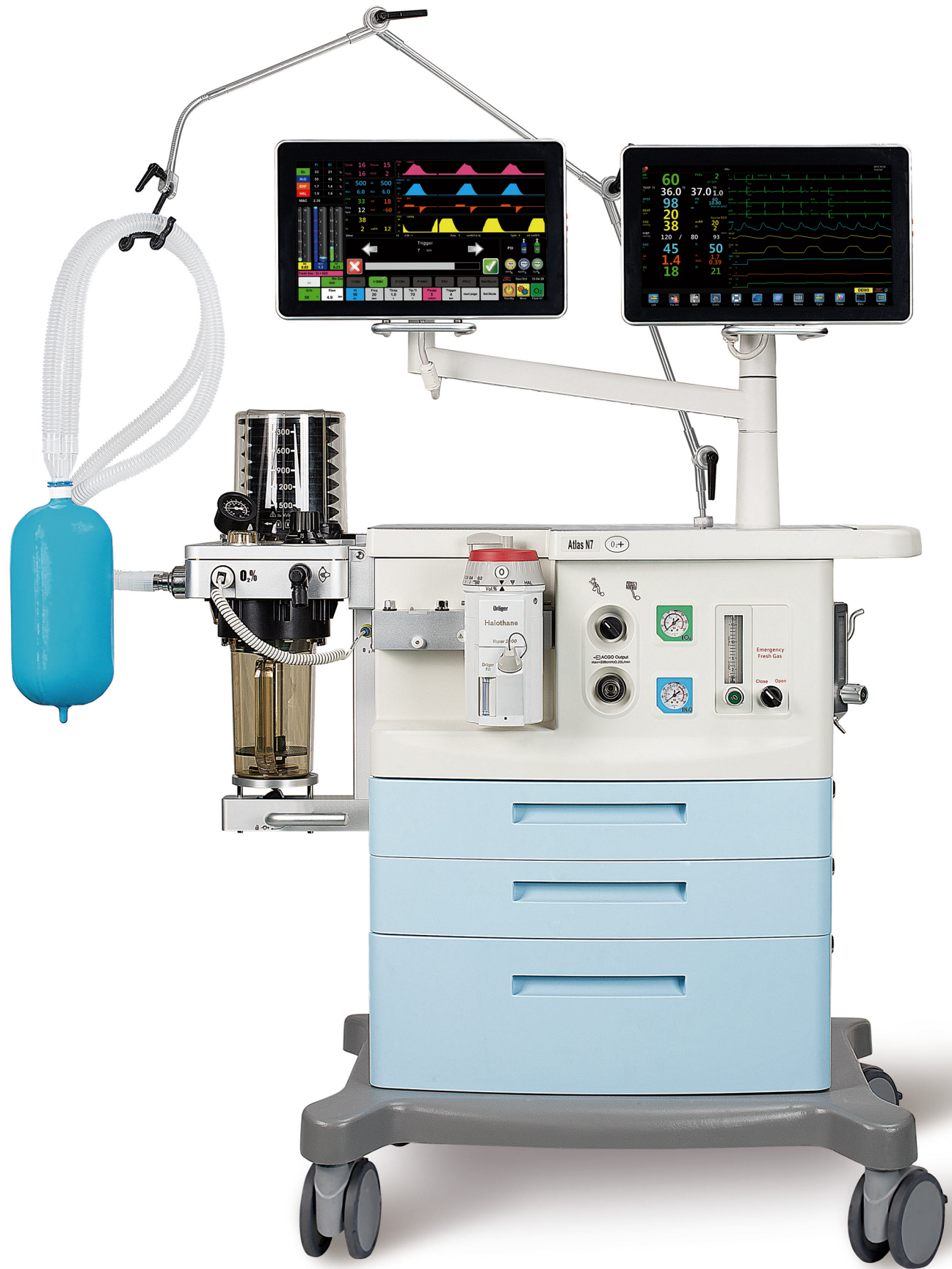Alarms of incorrect installation of breathing system and soda lime canister.

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.

Care for Health

Atlas N7
Anesthesia Machine

Advanced technology and design

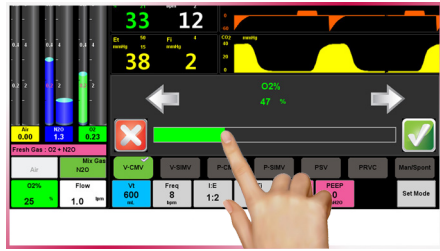**ACGO** **Emergency Fresh Gas** **Attachment Bracket** **Auxiliary Outlet** **AGSS**

Care for Health

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.

Fully-Electronic control

• Double touch screen, special and simple-operatinon 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.

Care for Health