Classification of ventilators

Expert, versatile ventilator

1. Functions: invasive and non-invasive;
2. Programs: at least 12, of which 3-4 programs with the ability to manually configure;
3. Control sensors: from 9 to 14, including ultrasonic, which do not require calibration and replacement, humidity control in circuits and invasive, non-invasive systems;
4. Thermal sensors: from 6, for temperature control inside the case, power supply, turbine or compressor, stabilizer, built-in battery;
5. Digital patient monitoring system with feedback function and bluetooth / wi-fi contact with a central control center with operating points of signals about changes in states and critical conditions, with the function of automatic shutdown, emergency call of an anesthesiologist and the ability to set resuscitation measures with manual adjustment ;
6. Oxygen supply system, automatic formation and supply of medicinal and other mixtures with the possibility of manual formation of mixtures, with the function of calibrating mixtures for compliance with standards;
7. The mixture is supplied using the central system of resuscitation, operating units / rooms, a turbine with a desiccant, a compressor with a desiccant, a cylinder (s) with compressed oxygen (mixture);
8. The presence of software or program codes for integration into the anesthesia block system, in some cases compatibility with ECMO (extracorporeal membrane oxygenation, "Artificial lung").
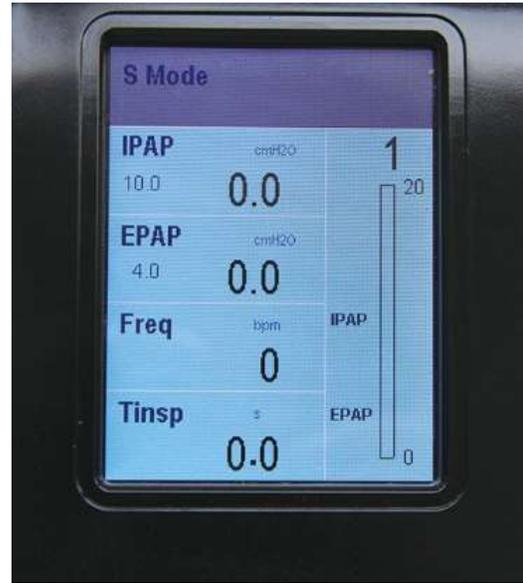
Expert ventilator

Paragraphs 1-7 are the same;
Paragraph 8 is missing.

Professional ventilator

1. Functions: invasive and non-invasive;
2. Programs: at least 6, of which 1-2 programs with the ability to manually configure;
3. Control sensors: from 5 to 9, including ultrasound, which do not require calibration and replacement, humidity control in circuits and invasive, non-invasive systems;
4. Thermal sensors: from 3 to 5, for monitoring the temperature inside the case, power supply, turbine or compressor, stabilizer, built-in battery;
5. Digital-system for monitoring the patient's condition with a feedback function with operating points of signals about changes in states and critical states, with the function of automatic shutdown, urgent call of an anesthesiologist;
6. Oxygen supply system, with the possibility of manual formation of mixtures and the supply of medicinal and other mixtures, with the function of calibrating mixtures for compliance with standards;
7. The mixture is supplied using the central system of resuscitation, operating units / rooms, a turbine with a desiccant, a compressor with a desiccant, a cylinder (s) with compressed oxygen (mixture).

Ventilator for individual functions

1. Functions: invasive or non-invasive (both functions are possible);
2. Programs: from 1;
3. Control sensors: from 3 to 5, ultrasonic, as an option (not requiring calibration and replacement, humidity control in circuits and invasive, non-invasive systems);
4. Thermal sensors: from 1, for temperature control inside the case;
5. Sound, alarm system for monitoring the patient's condition;
6. The oxygen supply system, as a rule, without the possibility of manual formation of mixtures;
7. Supply of the mixture using the central system of resuscitation, operating units / rooms, container (s) with compressed oxygen (mixture).

TRANSACTION EMERGENCY MEDICAL SUPPLIES

DESCRIPTION	Unit Price in USD $ FOB	Unit
S9030 Duo-Level Non Invasive Ventilator	21,000.00	
ICU Ventilators VG70	36,000.00	
ACM812A Ventilators	22,500.00	
Boaray 3000D Ventilator	33,000.00	
Philips BiPAP S/T 30	15,000.00	

Ventilator for individual functions

Medical Bipap is designed to work in nursing homes and to support patients with obesity, an insulin-dependent form of diabetes, during sleep. Medical Bipap offers a wide selection of ventilation, monitoring and technology systems, from high to low severity, from simple to complex cases, from adults to geriatric patients.

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Expert ventilator

- Compact high capacity battery, no air compressor, nosocomial mobility;
- Flexible device configuration: suspended on a cart, bed or ceiling;
- Metal, autoclavable, heated exhalation valve, integrated flow sensor;
- Upgradeable ventilation software with an available USB port;
- Optimum synchronization between patient and ventilator;
- Invasive and non-invasive ventilation mode;
- Provides pressure support for the patient when spontaneous breathing is present;
- 12 programs, including 4 in manual mode.

ACM812A
Medical Ventilator

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Ventilator for individual functions

- Portable ventilator for disaster medicine;
- For emergency care in the field and first aid, when transporting patients;
- It can be portable with an oxygen cylinder;
- Invasive and non-invasive ventilation;
- Ventilation modes: A / C, SIMV, SPONT, SIGH, NIPPV. 5 modes and 1 manual;
- Alarm parameters: upper airway pressure limit, lower airway pressure limit, low battery, power failure;
- LCD display;
- PEEP valve, humidifier, trolley, transport support arm.

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Professional ventilator

- Ventilation modes: VCV, PCV, SIMV (V) + PS, SIMV (P) + PS, SPONT / C PA P, Sigh, Standby, optional: PRVC, Dual PAP, NPPV;
- 12 modes and 2 manual;
- Tidal volume: 20-2000 ml, ventilation frequency: 1-100 beats per minute, inspiratory time: 0.1-10 s (in 0.15 increments);
- FiO2 Ultrasonic Sensors: 21% -100%;
- Flow sensors: 0.5-20 l / min;
- Pressure sensors: -20-0cm H2O, 5-70 cm H2O, 0-70 cm H2O;
- Digital PEEP function: 0-50 cm H2O (increment: lcm H2O);
- Nebulizer (optional): 30 minutes, direct access function: freeze, lock;
- Observation and feedback VTI, VTE, MV, MVspont;
- Smart patient management systems: Ppeak, Pinean, Pplat, Pmin, PEEP, Freq, Fspont, I: E, FiO, RSB, P0.1, NIF, Auto PEEP, Rcexp, Cdyn;
- Three-Level Audiovisual Alarm;
- Power Supply: AC power failure, Low battery charge, Battery failure depleted.

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Ventilator for individual functions

Philips Respironics BiPAP AVAPS System One provides non-invasive ventilation of the lungs, automatically adapting to changes in the patient's breathing. It is intended for patients in need of artificial ventilation. The device can be used both at home and in a hospital. Philips Respironics is designed to work in nursing homes and to support patients with obesity, an insulin-dependent form of diabetes, during sleep. Philips Respironics BiPAP AVAPS System One offers a wide selection of ventilation, monitoring and technology systems, from high to low severity, from simple to complex cases, from adults to geriatric patients.