



ASRE SANAT ATBEEN

Knowledge Base

Add: No. 130, Mozafari Brothers St., Valiasr Square, Tehran-IRAN

Factory: Jajroud, Tehran-IRAN

Tel: 0098 21 7743 2554

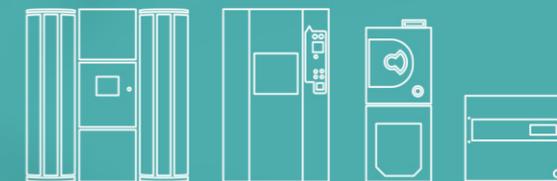
Fax: 0098 21 8977 1937

Cell: 0098 912 73 43 733

www.asa-atbeen.com

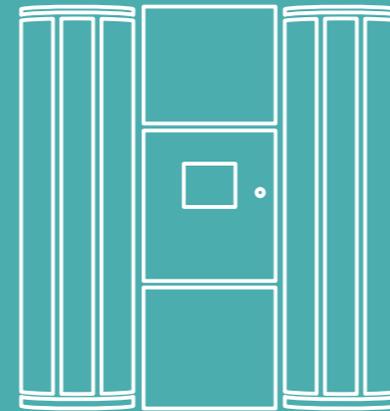


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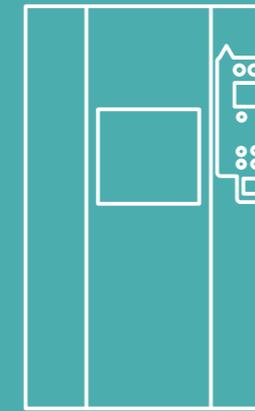


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ASAccompany is proud to show creativity at the highest quality in the field of sterilization and supply of medical gases and can compete with the best in the world.



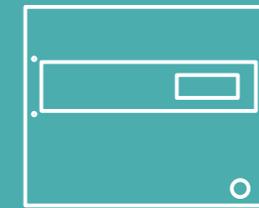
Medical Oxygen Generator
PSA Method
Modular



Hospital Autoclave
Class B
With Smart Boiler



Super High Speed Autoclave
Class B
Only 8-10 Min
Total Time With Drying



High Speed Autoclave
Class B
Only 15-17 Min
Total Time With Drying

Super High Speed Autoclave

The TC New Technology:

This system performs fast Class-B sterilization of tools and instruments (wrapped or unwrapped) in the least possible total time (between 10 and 25 minutes).

Pre-Vacuum: This entails using the pulse vacuum method to provide a vacuum (maximum -0.8 bar) for the purpose of driving out the air in the chamber.

Post-Vacuum: During this stage, a stronger, more prolonged vacuum is produced upon completion of sterilization for driving out the steam from the chamber and returning the chamber to its normal condition.

Elimination of pre-heating time as a result of implementing the Double-Chamber Technology in manufacturing the device

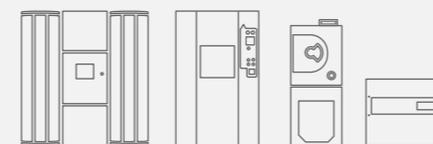
- Six default programs which can be increased to 10 programs
- Super Flash cycle (Ultra fast)
- Total sterilization time for unwrapped instruments: 8-10 min
- Total sterilization time for wrapped instruments: 25-30 min
- Performing repetitious and Continuous Cycles
- Conducting the Vacuum, Bowie & Dick, and Helix Tests
- Smart steam generating boiler (tested to a pressure of 6 bars)
- Smart automatic filling with water
- German-made filament
- Separate safety valve for the boiler
- Fully stainless steel boiler tank
- Smart water inlet control system
- Water injection pump
- Fully saturated steam without water droplets
- Steam storage for fast sterilization cycles without intermittent stops between cycles
- Temperature control with low heat tolerance by using sensors
- Automatic pressure adjustment technology in accordance with the instruments being sterilized (to protect the device against overwork and double pressure)
- Two safety valves for relieving extra pressure
- Using three types of lock control for the door (mechanical, magnetic, and electrical) to improve safetyElectronic System
- Using fully specialized developed by Iranian experts, TC-23 provides the possibility of software upgrade alongside technological advances.
- Recording the general information for each program including date, time, /end time, discharging, sterilization, drying, pressure, temperature, etc, throughout the program
- Possibility of recording all sterilization stages on an Flash Memory.
- HMI Touchpad color display with the possibility to show sterilization messages or warnings, error messages, and device malfunction messages
- Color change in the display monitor to make visible end of sterilization form a distance
- Easy replacement of the door gasket by the user in the least possible time without any assistance from a technician Guarantee: 24 months

After Sales Services: 10 years

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Super High Speed Autoclave

- Class B
- Super Flash (Total time 8-12min)
- Smart Autoclave
- Useful for operating room
- 5.7" Touch display
- Save energy-with standby mode



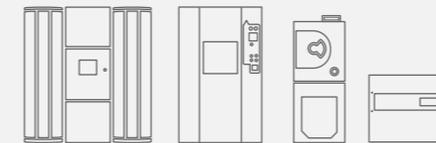
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High Speed Autoclave

- . Very easy and quick application
- . Pre-vacuum: Vacuum up to 0.8 bar using pulse vacuum (impulse vacuum method) before sterile step to remove the air inside the chamber
- . Post-vacuum: A strong and long-time vacuum step after finishing sterile step to remove vapor and changing chamber pressure into a normal condition
- . A very robust dryer capable of executing an extra drying in each program.
- . Smart and automatic dehydration
- . Equipped with a German-made element
- . With 6 default programs capable of increasing to 10 programs
- . With prion-134-121- (optional) cycles
- . Capable of upgrading program and updating based on new standards
- . Reduction of programs' durations up to 20% of similar sets
- . Registration of the whole information of a program including date, time to start and finish.
- . Can be connected to a water tap using a filter without distilled water
- . Equipped with a water level sensor in boiler (vapor generator)
- . Automatic water discharge is performed conveniently by connecting water outlet to sewage
- . Automatic filling of water chamber.
- . With fully localized and exclusive software, Laboos has made possible continuous software upgrade of a set in proportion to technology advancement.
- . Equipped with an electric, magnetic, and mechanical door lock to improve safety
- . Equipped with two safety valves for pressure discharge
- . Employing the technology to protect against overheating
- . With a cubic cavity without boiling and an equivalent volume of 22 liters of cylinders.
- . Licensed by Medical Equipment Office
- . Metal body with electrostatic paint coating
- . Two year warranty for all parts
- . A 10-Year-Guarantee for Chamber

High Speed Autoclave

- Class B
- Reliable and flexible (program)
- Durable and high-class
- Flash autoclave
- Quick and Simple

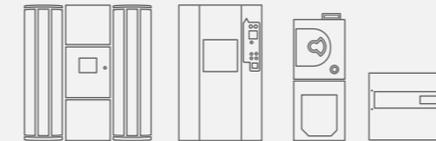


Hospital Autoclave

- Capacity: 90-1200 liters
- Stainless steel (L316)
- Smart control system (PLC)
- Equipped with thermal dryers and vacuum
- Equipped with pre-vacuum
- 2 HMI display
- Equipped with pneumatic valves
- Minimum energy consumption
- Two entrance and exit doors
- Outlet condensation of gases and steam
- No odor and moisture
- Smart detection of load capacity
- Four separate smart operational programs
- Sterilization capacity of 121 and 134 ° C
- Stainless Steel installation and piping
- European standard parts
- High safety
- Equipped with sterile cycle recording printer connected and controlled over a network
- Operator-friendly interface
- 24 months extendable warranty
- 10 years of service
- Two shelf combination

Hospital Autoclave

- The power of innovation , for better sterilization
- Smart boiler
- Compact autoclave
- Capacity 90-1000 lit
- Lower space requirement



Medical Oxygen Generator

- PSA TECHNOLOGY

PSA (Pressure Swing Adsorption) technology permits producing oxygen by separation of pressurized ambient air.

- MODULAR AND EFFICIENT - PRODUCE OXYGEN AS REQUIRED.

- LOW-MAINTENANCE AND ENERGY EFFICIENT

- SAFE QUALITY

With Oxydocile PSA oxygen generators, you avoid the risks associated with storing high-pressure cylinders and handling oxygen bottles.

All of the components used are of the highest quality and the manufacturing

process is rigorously monitored.

The analysis device and display constantly monitor the purity level and guarantee safe reliability.

- Independence pays off:

The Oxydocile PSA oxygen generator allows you to generate oxygen exactly as you need it, thus freeing yourself from fixed and inflexible supply contracts.

- All components of your packaged system will be selected according to the ambient conditions and the area classification of the installation site.

- Simple, fast and safe extension

- INEXPENSIVENESS

- UNLIMITED SUPPLY

- PERSONALIZED PURITY, You can choose between 90% and 95% oxygen purities

- Oxygen always available, without any risk of running out of stock;

- EXPANDABILITY, You can increase the supply of oxygen whenever you want by simply adding modules or banks.

- CONSTANT AND SAFE PURITY

- The combination of cycle periods (one receiver regenerates it self while the adsorption process takes place in the other)

and the high-quality properties of the zeolite molecular sieve (ZMS) ensure maximum productivity with the highest level of efficiency.

Medical Oxygen Generator

- The pressure Swing Adsorption Method
- Reliable and independent.
- Modular and Efficient
- Low-Maintenance and energy efficient
- Cost-Effective maintenance
- 10 inch Touchscreen HMI

