

Autoclave

CE | ISO 13485 | 2 year Warranty

New Steam Sterilizers

Digital Fuzzy-controlled Autoclaves

DAIHAN New Steam Sterilizers !

DAIHAN's new Autoclaves are upgraded with a simpler and more ergonomic design. Unique and innovative 'Electronic Safety Door Locking System' and 'Steam Condensing Mechanism' maximize the user safety, which is the most critical feature of autoclave product. New Lever-type Door Handle makes anybody open and close the door very easily and safely. Both of Solid and Liquid cycles are offered up to the samples to be sterilized, which ensures optimum sterilizing performance.



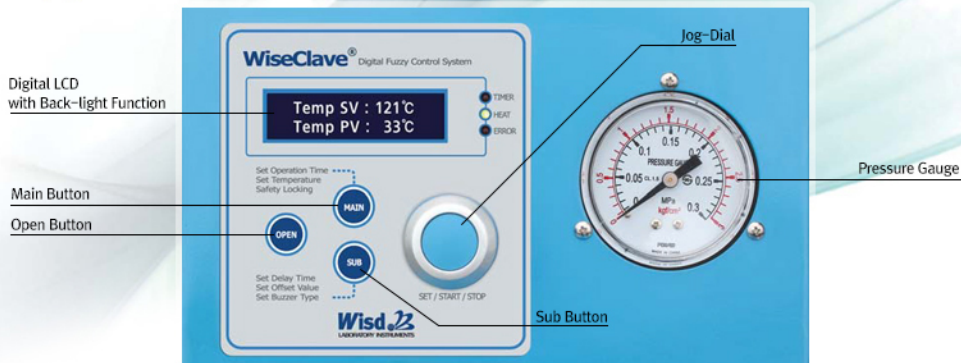
Safety Upgrade

- Special 'Steam Condensing Mechanism' protects the user from hot steam after sterilizing cycle, by condensing the hot steam into small amount of water : patent registered.
- 'Safety Door Locking System' ensures the door firmly locked by electronic-controlled switch and solenoid latch while sterilizing cycle is ongoing. The door can be opened only when there is no hot-steam and high-pressure inside the pressure vessel: patent registered.
- CE-MDD (0470) certified as a medical device, by which DAIHAN's autoclaves can be supplied to the hospitals in Europe.
- Stainless Steel Cover is implemented to prevent the user from burn by high temperature in the pressure vessel.
- Very high quality Over Pressure Valve is used to automatically release abnormal high pressure inside the vessel.

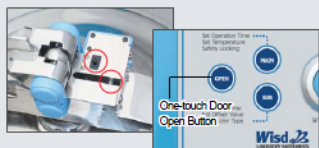
Function/Convenience Upgrade

- One-Touch Lever-type Door Handle is invented and implemented for the user to open & close the door very easily and safely : patent registered.
- Two different operation mode of Solid and Liquid Cycle are offered, which can be chosen up to the kind of sample to be sterilized.
- New Jog-Dial Controller with simple user interface: patent registered.
- Digital Timer functions for Delay time and Operation time are available.
- Innovative Easy-to-Use Digital Fuzzy Controller.
- Digital LCD with Back-Light

New Jog-Dial Controller

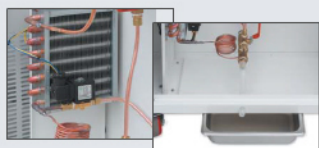


- Simplest and easiest User Interface by ergonomic design
- New design of Jog-Dial is more sturdy and convenient
- High quality Digital LCD with Back-Light
- One-touch Open button to open the door only when sterilizing cycle is not on going



» Safety Electronic Door Closing System

Sterilizing cycle can be started only when the door is completely closed. Electro-mechanical sensor, solenoid latch, and one-touch Open button work together to implement the perfect safety door, which can be opened only when the temperature and pressure is low enough inside the pressure vessel.



» Special Steam Condensing Mechanism

Hot steam generated by sterilizing cycle is not released out directly. It is condensed into a small amount of water just after the sterilizing cycle by special condensing mechanism, which protects the user from dangerous high temperature steam.



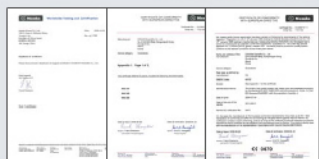
» Lever-type Sliding Door

This real innovation of door closing mechanism makes any user easily close the door with consistent degree of closing by a single hand, regardless of the level of strength in his/her arms. Opening is also very easy and can be done with single hand as well.



» Liquid -/ Solid - Cycle Mode

Operation mode is optional between Solid Cycle mode and Liquid Cycle mode. In Solid Cycle mode, heating is immediately off and steam is released quickly just after sterilizing period. But in Liquid mode, temperature is decreased very slowly and steam is released out little by little for much longer time.



» CE-MDD(CE 0470-Medical Device Directive) Certified

Maintenance and Service is very convenient because most of the components and parts are internationally standard ones and available in the market.



» Using International Standard Components

DAIHAN's new autoclaves are designed and produced strictly following European standard for electric and mechanical safety. So, it can be supplied to, and used safely in, world-wide hospitals and institutes requiring CE-MDD Certification.