



ZHANGJIAGANG MEDPHARM MACHINERY LTD

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A STEAM AUTOCLAVE WORKING PRINCIPLE,SELECT WITHIN BUDGET



What is an 'autoclave,' and how does it work? We'll focus on the autoclave sterilization cycle process and walk you through the different autoclave cycle stages. After reading all the material in this series you'll know how an autoclave works. User, technician, or operator is more effective and efficient if he or she understands the different stages of the sterilization process. This series will cover all aspects of autoclaving, including:

- Steam generators and steam supply
- The pre and post vacuum phase of the sterilization cycle
- The autoclave jacket
- The cooling process
- The autoclave control systems

Once you close the autoclave sterilizer chamber, a vacuum pump removes all the air from inside the device or it is forced out by pumping in steam. If done the first way, the sterilizer is pumped with high pressured steam to quickly raise the internal temperature. On every autoclave there is a

thermometer that is waiting for the thermal sweet point, 268-273 degrees Fahrenheit, and then it starts its timer. During the sterilizing process, steam is continuously entering the autoclave to thoroughly kill all dangerous microorganisms. Once the required time of sterilization has elapsed, the chamber will be exhausted of pressure and steam allowing the door to open for cooling and drying of the contents.



We understand the time and financial investment made by our customers and provide a team of experienced support managers and expert engineers needed to make your project installation and validation successful. Support is provided throughout every stage of the development, purchase, manufacturing, delivery and installation process. Medpharm China team invests great effort into understanding your requirement specification and transforms it into high-end autoclaves. We provide full support to our clients during the installation and validation of our machines at their facility.

We provide safe autoclaves that conform to cGMP regulations and are operationally reliable thereby enabling continuity of a pharma facilities' production workflow.

Just pick up phone call us +86 18013573318 or send your request to us juliet@medpharmchina.com, we will give you a perfect plan!!