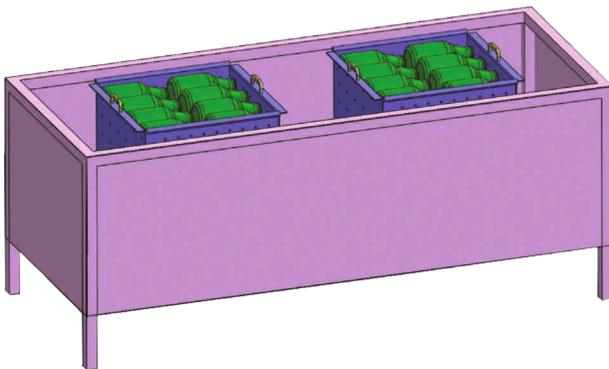


Bottle Sterilizer - for PET / Glass Bottles

Sterilization refers to any process that eliminates, removes, kills, or deactivates all forms of life and other biological agents present in a specified region - such as a surface or a volume of fluid. The process of sterilization of glass and PET bottles before and after filling basically improves its shelf life and ensures that the product the customer consumes is safe.



The method of sterilization is dipping in hot water for a specified time. The sterilizer is basically an SS tank whose size depends on the number of bottles to be sterilized. Water is filled in the tank and heated to the required temperature by steam from boiler or electrically with heaters. Baskets made of SS sheet with SS mesh bottom are provided. The sizes & quantity of the baskets also depend on the number of bottles to be sterilized. The bottles are loaded into a basket and it is dipped into the hot water. The baskets can be manually handled when the number of bottles are less or for larger quantities a winch can be provided. Meanwhile the next basket is filled with bottles. After the required time, the first basket is taken out and the next one is dipped into the tank. So the sterilization continues.

Glass bottles can be sterilized before and after filling and capping. PET Bottle can be sterilized after filling and capping. The tank and baskets are fabricated out of SS 304 and built to last. The Sterilizer can be supplied to suit the number of bottles to be sterilized



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