**The sterilizer** works on pressurized saturated steam for sterilization of items, eliminating the impact of cold air on the temperature by means of pulsating vacuum exhaust, and eventually drying the items by vacuum dehumidification realized in a jacket. It utilizes the physical property that pressurized saturated steam can release a large amount of latent heat when condensing, rendering the items to be sterilized under high temperature and humidity. **The purpose of sterilization is attained after a period during which the bio-structure of all the germs in the items are completely destroyed.** It is mainly used in hospitals, chemical industry, food scientific research, pharmaceutical and other units for disinfection and sterilization of surgical instruments, dressings, medicines, cultrure medium, food, etc.

GEA®

# TM-DV

## Table Top Pulse Vacuum Steam Sterilizer






# TM-DV

Table Top
Pulse Vacuum Steam Sterilizer



- Standard Class B with three times vacuum and drying, the remaining temperature of sterilized instrument is less than 0.2%
- LCD display working status, touch keys.
- The vacuum data can reach -0.8bar, it fits various instrument, including package, unpackage, solid, hollow, multi-apertures and inset s. It makes sure the instrument can be sterilized completely.
- Fully computer controlled LCD display bright show. The interface is modularized panel for easy operation.
- It is installed with BOWIE&DICK which measures the penetration of water steam.
- It has vacuum test which can make sure the ability of vacuum testing.
- Fast and independent steam generator.
- Built-in mini printer which can record the sterilizing information.
- Equipped with Sa valve, Safety lock door system, Pressure lock system, Pressure or temeperature overload protection, Alarm system.
- It inactivates the HIV, HBV, BSE, and bacillus efficiently.
- The product is designed for open water tank, water purification, sewage tank separation, convenient and intuitive.

## Specifications

| | TM-20DV | TM-24DV |
|---|---|---|
| Chamber Capacities (L) | 20 | 24 |
| Overall product lenght (Mm) | 450 | |
| Overall product width (Mm) | 670 | |
| Overall product hight (Mm) | 480 | |
| Unpacked weight (Kg) | 56 | 57 |
| Unit weight (Kg) | 47 | 53 |
| Chamber diameter (Mm) | 250 | |
| Chamber lengths (Mm) | 360 | 470 |
| Sterilizing temperature | 134°C | |
| Operating pressure | 2.1bar | |
| Voltage/Wattage | 220V / 2000W | |
| Frequency | 50Hz | |