



ZENITH HUMAN MILK BANK EQUIPMENTS

An ISO 9001:2015, ISO 13485:2016,
CE & GMP Certified

Website: www.sewardsystems.com

ZENITH Hot Air Oven

HAO 20

Hot Air Oven Specially use for sterilization

- A Hot air oven or autoclave in the milk bank is essential for sterilizing the container used for collection from donor, container for pasteurizing and for storing the milk
- Ovens are sturdy, with double walled construction. Inner chamber made of Stainless-Steel sheet. Outer chamber is made of mild steel sheet duly powder coated. The gap between the walls is filled up with special grade glass wool for proper insulation to avoid heat losses.
- Forced convection system ensures good mixing, strong dispersion and maintains higher temperature uniformity inside the chamber.
- Inner chamber has ribs for placing the shelves at convenient levels and supplied with 1 to 5 removable shelves. It is fitted with heavy hinges with a ball catcher. Door is duly insulated with glass wool. Big size oven is fitted with lockable castor wheels for ease of movement.

Elements:

Air type heating elements are used for quick heating of chamber and motor blower assembly helps in maintaining uniform temperature all over the work space by forced air convection.

Temperature Control:

- Microprocessor based Digital PID temperature indicator cum Controller with inbuilt timer
- Dual LED display for set value and process value
- PT 100 temp sensor Sensitivity of temp sensor is 0.1°C
- Temp accuracy of oven is $\pm 1^{\circ}\text{C}$
- Temp uniformity of oven is $\pm 1^{\circ}\text{C}$
- Over temp safety cut off using thermostat

Control Panel:

It comprises of switch to ON/OFF the power, PID temp controller, indicators for line and load, cord and plug. It works on single phase 230V AC, 50 Hz power supply.

Specifications:

- Thermostat based PID Controller 20L capacity.
- Inner SS grade material & outer galvanised powder coated material.
- Blower & heaters provides for uniform air movement as well as improved temperature distribution.
- Adjustable shelving support for making more space for different heights.
- Digital PID Controller
- Heater loads up to 1.50 KW
- Adjustable shelves 1 to 5.
- Temperature range: $50-250^{\circ}\text{C}$
- Safety device: Thermostat





Save Milk Save Life...!

Marketed By: Seward Systems Inc, Maharashtra

India - 400 066,

Service support Email ID: info@sewardsystems.com

Mobile. No +91- 9820426021, 9820426011