

# DRY HEAT STERILIZER



## FEATURES

- All stainless steel CGMP construction or stainless steel interiors with mild steel exteriors on non sterile side
- Class 100 sterilizers
- Electromechanical control panel or PLC based control panel
- Cooling coils for rapid cooling during cooling cycle
- Electrical door interlocks with visual indication
- Terminals for all electric heaters are outside the working space and are accessible and replaceable from the non sterile side when required
- Hepa filtration for cooling cycle air
- Trolleys and transfer dollies
- Custom sized sterilizers

## TECHNICAL SPECIFICATIONS

MODEL		DHS 070	DHS 100	DHS 150	DHS 198	DHS 236
WORKING SPACE MM	WIDTH	800	1000	1000	1100	1300
	DEPTH	1100	1000	1500	1500	1300
	HEIGHT	800	1000	1000	1200	1400
HEATING LOAD KW		24	36	36	48	48
MOTOR HP		2	2	2	2	2
LOADING		Direct	Direct	Direct / Trolley	Trolley	Trolley

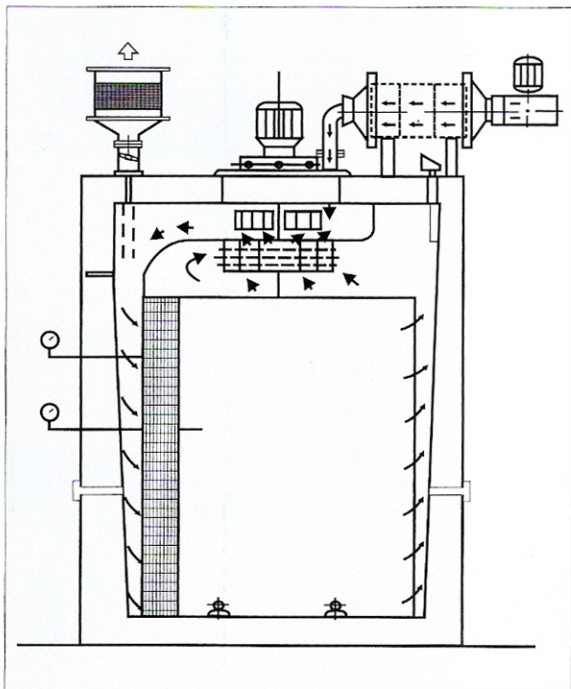
## LOADING CAPACITIES OF AMPOULES & VIALS PER BATCH

MODEL	AMPOULES ( ML)					VIALS ( ML)				
	1	2	3	5	10	2	3	5 / 7.5	10	30
DHS 070	50 K	33 K	25 K	16 K	9.6 K	37 K	23.3 K	15.1 K	10.7 K	3.9 K
DHS 100	79 K	53 K	39.7 K	26.5 K	15.1 K	59.4 K	36.6 K	23.8 K	16.9 K	6.2 K
DHS 150	118.9 K	79.1 K	59.2 K	39.6 K	22.6 K	88.5 K	54.6 K	35.5 K	25.2 K	9.2 K
DHS 198	147 K	97 K	73 K	49 K	28 K	109 K	67 K	44 K	31 K	11.5 K
DHS 236	174 K	115 K	86.6 K	57.9 K	33.1 K	129 K	80 K	51.9 K	36.9 K	13.5 K

Above capacities are indicative & subject to method of loading of ampoule & vial boxes which are stacked one above the other, with only two or three shelves in between.

K = 1000





- Door process lock to prevent opening of doors when process is on.
- High temperature overload alarm during operation
- Circulation blower or heater malfunction alarm.
- Heater-fan interlock for operational safety.

## CONTROL SYSTEM & CYCLE MANAGEMENT

**INTERTECH** Sterilizers can be provided with Electromechanical / Microprocessor / Computer controlled systems that allows setting, controlling, regulation and monitoring of the sterilization cycles.

Additionally, several alternatives are available for recording various process parameters-circular/strip chart recorders, dataloggers etc. for single or multi-point mapping.

## HANDLING ACCESSORIES

Customized solutions are available for handling the products.

- **Holding Cassettes**

Fabricated from Stainless Steel these cassettes are designed to ensure maximum penetration of the sterilizing medium and optimum space utilization.

- **Carriages**

Fitted with specially designed high temperature castor wheels carriages can be provided for material handling.

- **Floor Trolleys**

For transfer of carriages between work zones outside the sterilizer.

## TESTING & DOCUMENTATION

As a part of Equipment Qualification, besides FAT protocols, Design Qualification, Installation Qualification, Operational Qualification, Validation reports, test certificates, calibration reports, etc. are provided to meet the stringent quality norms of the customer.