

Our Range of Products **(BULK STERILIZERS)**

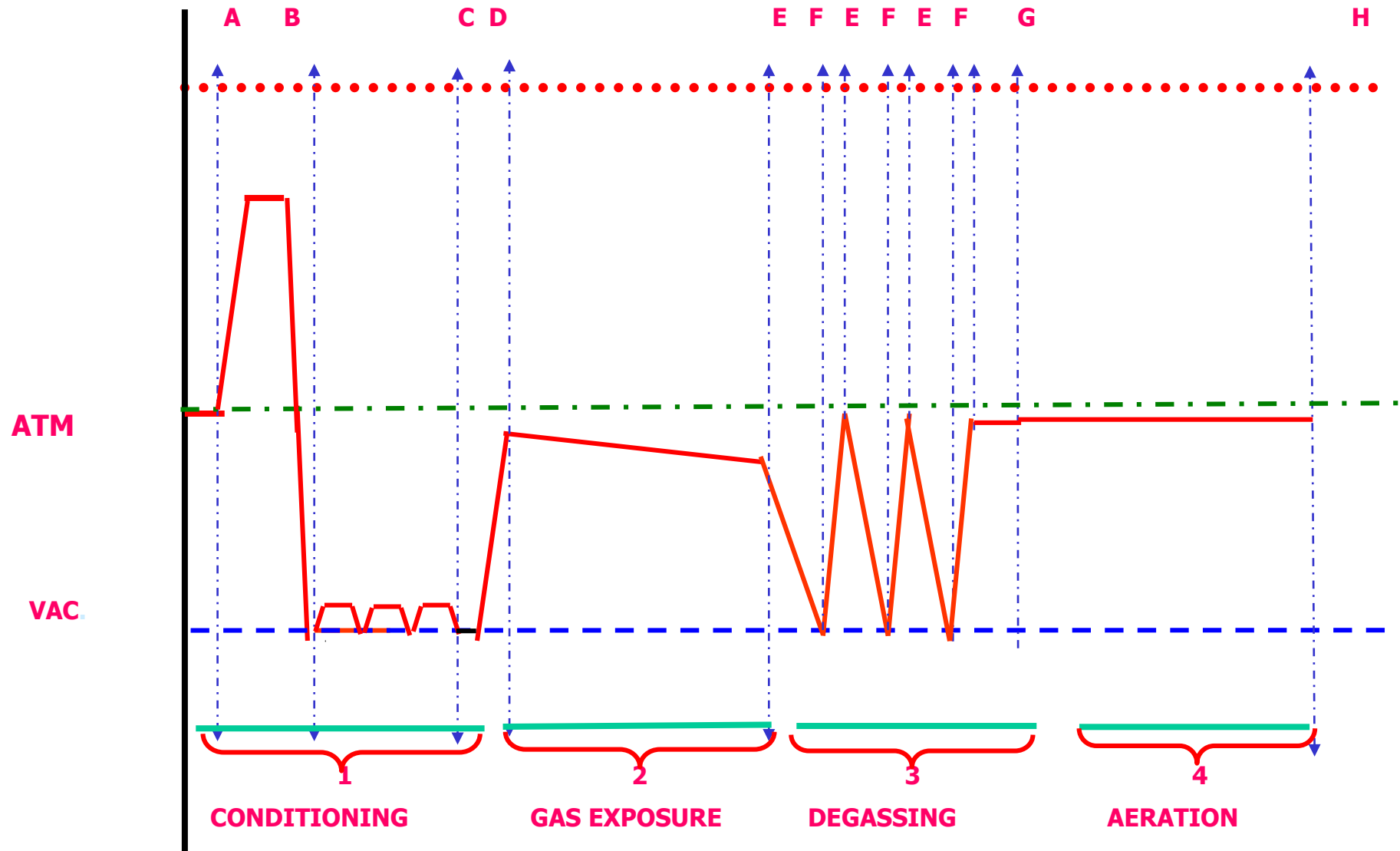


**Large Industrial Size sterilizers for the
medical device industry with the
sterilization process validatable as per
EN ISO 11135 – 2014**

**CAN BE CUSTOM BUILT AS PER THE
REQUIREMENT OF THE CUSTOMER.
STANDARD SIZES- 200, 250 , 300 ,
400, 500, 750 CUBIC FEET AND
MORE...**



BULK STERILIZERS- CYCLE DIAGRAM



CYCLE STAGES

- CYCLE:
- O-A > STEADY STATE AFTER DOOR CLOSING
- A-B > DWELL TIME VACUUM & CHECKING LEAKAGE
- B-C > HUMIDIFICATION & DWELL TIME VACUUM CYCLES
- C-D > CONDITIONING DWELL & EVAPORATED GAS INJECTION
- D-E > GAS EXPOSURE TIME
- E-F > EVACUATING CHAMBER
- F-G > E.O.GAS DILUTION
- G-F > REMOVE RESIDUE GAS
- G-H > VACUUM AERATION

FEATURES

- **CYCLE IN VACUUM , SAFER**
- **BUILT -IN MEMORY BACKUP ANALYSES POWER FAILURE AND STARTS THE CYCLE WHERE IT HAD STOPPED PRIOR TO POWER FAILURE**
- **POWERFUL ELECTRICALLY OPERATED FLAMEPROOF VACUUM PUMP**

FEATURES

- **TOUCH SCREEN BASED CONTROLS WITH INDIVIDUAL SPICES OR MASALA COMMODITY SETTING**
- **EASY ONE TOUCH OPERATION**
- **REPEATABILITY OF THE SET STERILISATION PARAMETERS ASSURED & COMPLETE FAULT MESSAGES DISPLAYED**
- **PRINTER TO RECORD COMPLETE CYCLE PARAMETRIC VALUES**

FEATURES

- **AUTO-ABORT FACILITY IN CASE OF ANY ABNORMAL CONDITION**
- **BATCH AND OPERATOR I.D.**
- **CYCLE COMPLETION REPORT , ONLY IF CYCLE PERFORMED SUCESSFULLY**
- **UPGRADATION AS PER LATEST TRENDS POSSIBLE**

UNIQUE FEATURES

MAJOR CONCERN : COST OF ELECTRICITY

"ROTAHEAT" SYSTEM

COMPLETE JACKET TO PROVIDE FASTER HEATING
TIMES AND UNIFORM HEATING ;
THUS SAVING ELECTRICITY AND GIVING BETTER
PERFORMANCE.

UNIQUE FEATURES

MAJOR CONCERN : OPERATOR'S SAFETY

"LEAKAVERT" SYSTEM

CHECKS FOR LEAKAGE IN THE SYSTEM
BEFORE EACH CYCLE AND
ABORTS THE CYCLE IF LEAKAGE IS FOUND,
TAKING CARE OF OPERATOR SAFETY

UNIQUE FEATURES

MAJOR CONCERN : AREA SAFETY

"ENVIRO-PRO" SYSTEM

OPERATES EVERY TIME THE DOOR IS OPENED,
SUCKS THE GAS AWAY FROM THE OPERATOR,
THUS TAKING GREATER CARE OF OPERATOR &
SURROUNDING AREA SAFETY

UNIQUE FEATURES

MAJOR CONCERN : GAS RESIDUE IN PRODUCT

"TRI-AERA" SYSTEM

**PULSING + DYNAMIC VACUUMING + AERATION
REDUCES RESIDUAL LEVELS GREATLY**

UNIQUE FEATURES

MAJOR CONCERN : DOWN-TIME

"AUTO-MAN" SYSTEM

ALLOWS THE OPERATOR TO OPERATE THE
MACHINE IN MANUAL MODE IN CASE OF
UNLIKELY FAILURE OF AUTOMATIC OPERATION

ECONOMICS & SURETY

- **PER CYCLE OPERATING COST -ECONOMICAL**
- **GAS SUPPLY ASSURED AS GAS MANUFACTURED IN INDIA**
- **SPARES AND ACCESSORIES - AVAILABLE IN INDIA**
- **SERVICE BASED ORGANISATION – LOW DOWN TIME**
- **EACH MACHINE TESTED & VALIDATED**
- **PROUDLY DESIGNED & MADE IN INDIA**

CUSTOMER SUPPORT



- Discussing with the customers regarding their actual needs.
- Suggesting the appropriate size & solutions
- “DIAL-IN” support facility

Installation & commissioning service backup



- **Training by our Product specialist**
- **Service by skilled Engineers & Technicians with "DIAL-IN" facility.**
- **Spares & Services available in shortest span of time & economical.**