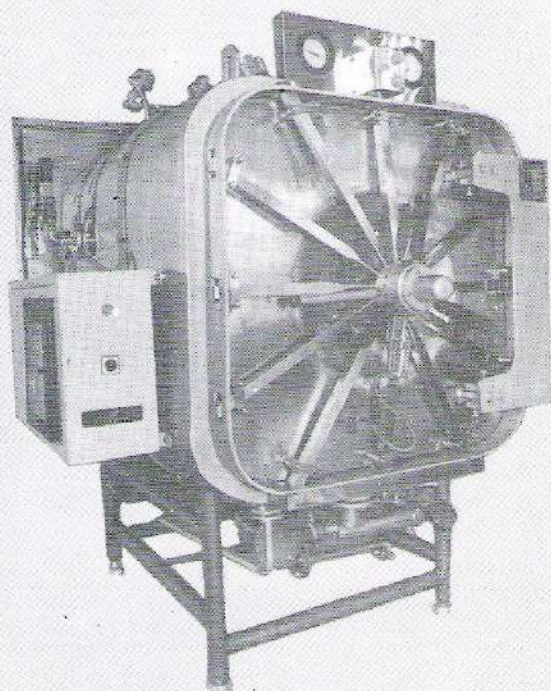


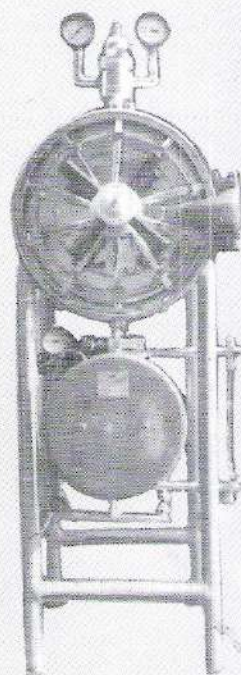
INSTECH STEAM STERILIZATION SYSTEMS

STEAM STERILIZERS (AUTOCLAVES)

AUTOMATION



**RECTANGULAR MODEL
STANDARD/H.P. H.V. VERSION**



**CYLINDRICAL MODEL
NORMAL/HIGHSPEED VERSION**



**MICRO PROCESSOR BASED
PLC.**

STANDARD STEAM STERILIZER

Designed for steam sterilization by gravity air removal of various articles, at 121°C with fast or slow exhaust options, like solutions in containers; ampoules; vials; bottles or test tubes; empty glass ware; utensils; instruments; and rubber articles, in labs, hospitals and industries. Working pressure upto 1.36 Kg/cm² (20 p.s.i.g.) and vacuum upto 250mm (10") of Hg. Construction S.S.316 or S.S.304 chamber and jacket of boiler grade steel with reinforcements. Door-either S.S. 304 or MS lined with S.S. sheet from inside. Radial locking system standard. Sliding door with tongue & groove system for larger models. Larger capacity units with direct steam operation have diaphragm type PRV and smaller units with steam generator with pressure switch & low water cut off device. Multiport valve operation available for unit size upto 2'x3'x5' (850Ltrs).

HIGH PRESSURE HIGH VACUUM STEAM STERILIZER

Designed for porous & bulk materials like linen, bandages, powders, rubber goods & instruments. Steam, vacuum pulsing to remove air pockets prior to sterilization hold and vacuum dry cycle for drying of load before taking out the same.

Water ring vacuum pump along with condensor to achieve vacuum.

Working pressure upto 2.2Kg/cm² (32 p.s.i.g.) & full vacuum. Chamber & jacket are extra thick in these models for above ratings. Also provided reinforcements for strength.

SAFETY & TESTING

The door is provided with self locking device to eliminate any inadvertent opening under pressure.

The units are equipped with generously sized spring loaded safety valves. Optionally the thermal lock also can be incorporated to ensure opening of the door only below set temperature. All units are adequately insulated to protect operating personnel from scalding and to minimise heat loss due to radiation.

The other safety features include:

- i) Strainer for steam trap.
- ii) Removable plug screen for chamber.
- iii) Vacuum breaker.
- iv) Baffle for steam distribution and vacuum suction.

These units are manufactured to confirm to any desired international regulation/standards (like IS:3829 part I or II with all amendments, for design, construction and performance as applicable). Third party inspections can be done if desired.

SEE REVERSE SIDE FOR PIPING, ACCESSORIES & SCOPE OF SUPPLY.

"INSTECH" PROVIDES SOLUTION FOR YOUR PROBLEMS.