

Product Features

INSTECH low temperature plasma sterilizers are ideal for sterilizing medical devices in a cost, time and energy efficient way. These sterilizers come to you with the latest technology for excellent performance. These ensure rapid sterilization in an environmental friendly way without any toxic emissions. These are easy to install with zero site modification. These ensure safety to Stuff to be sterilized, Staff and humans. INSTECH products come with user-friendly touch interface and USB interface.

Following optional but essentials accessories are Available.

- Consumables
- Incubator
- Biological Indicator
- Chemical Indicator Strip
- Automatic sealing machine
- Tyvek Pouch SMMMS Wrapping sheet Tray
- Soft lumen
- H₂O₂ container

Materials suitable for INSTECH low temperature plasma sterilizer include:

- Acetal Resins
- Aluminium
- EVA (Ethyl-Vinyl-acetate)
- Glass
- Kraton
- PC (Polycarbonate)
- Polyethyiene
- Stainless Steel
- Teflon
- Polyetherimide(PEI)
- PMMA (Polymethyl Meth-acrylate)
- Polymer
- Polyolefin
- PP(Poly-Propylene)
- Polystyrene
- Polyurethane
- PVC (Poly-Vinyl-chloride)
- Titanium

Process Details

INSTECH low temperature plasma sterilizers utilize strong electro magnetic fields to create a hydrogen peroxide plasma cloud. The sterilization process has two stages : diffusion and plasma

- **Diffusion:** Unsterilized objects are placed into a vacuum chamber. Hydrogen peroxide vapor is injected and left to diffuse throughout the chamber for a specific time
- **Plasma:** Specific radio frequencies are introduced into the chamber converting vapor to plasma



IS LTPS-150

Model Specifications

Model	IS LTPS 150
Dimensions (L*W*H) External	1080*860*1850mm
Dimensions (L*W*H) Chamber	750*450*450
Weight	470 KG
Chamber Capacity	150 L
Rated Power	3.6 kW
Cycle Period	30 - 60mins
Control Interface	7" HMI (Human Machine Interface)
External Temperatures	~ 5°C to 40°C
Humidity	~ 30% to 80%
Rated Input	AC 220-230V/ 50 Hz
Internal Temperatures	~ 40°C - 55°C

All Specifications are subject to change due to our policy of constant development