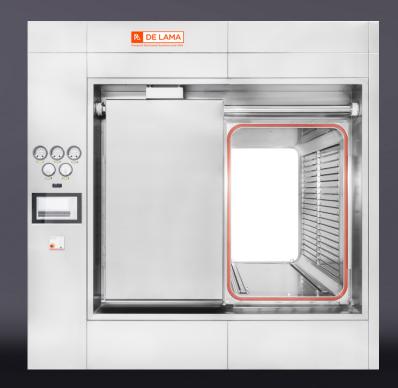


Process & Sterilization Solutions since 1949



dry heat sterilizers DLST/L Series

High quality industrial oven to meet the widest requirements of the pharmaceutical industry for sterilization and depyrogenation by dry heat in full compliance with cGMP Guidelines and ISO air classification



MAIN FEATURES

ISO 5 (Class 100)

Reduced environmental impact (open loop air heating and cooling) No-proprietary, high quality components

Compliant with the current International standards

SCADA Windows OS control system, CFR 21-Part 11

DESIGN, CONSTRUCTION & FUNCTIONAL FEATURES

- capacity: from 150 lts. up to 8000 lts.
- operating temperature: standard 250°C (up to 300°C with suitable filters pack)
- chamber execution in AISI 304 or AISI 316L stainless steel fully welded, with rounded edges
- pass-through execution for no crosscontamination with interlocked doors
- semi-automatic hinged doors or automatically sliding doors
- door seal system: special double gaskets system (FDA approved) to avoid any air release or cross-contamination between the chamber and the external environment
- bioseal flange to seal the sterilizer into the facility wall at the "clean side" ensuring barrier preventing particulate from entering the room from maintenance area
- HEPA filters installed on the air intake, exhaust and recirculation wall
- filter seal system: internal filters seal frames kept at a pressure lower than the chamber pressure
- two fan groups: one for air circulation into the chamber and one for exhausted air extraction and cooling
- electrical or steam/electrical heating



- chamber constant overpressure control through the inverter on the air recirculation fan
- adjustable heating up ramp with internal humidity evacuation
- cooling by external fresh air flow optionally improved through coil exchanger
- enhanced air distribution and temperature uniformity into the chamber through exclusive deflector system for air flow regulation
- clamp connections for validation activities, air quality monitoring and DOP/DEHS test
- high grade thermal insulation
- monitoring of chamber pressure and HEPA filters efficiency by differential pressure transmitters
- temperature monitoring inside the chamber by temperature sensors Pt 100 Ohm Class A EN 60751
- wide range of alarms and safety devices to assure Operator protection and proper equipment operation
- available with magnetic door suitable also for isolator coupling
- available even in class 10000

