

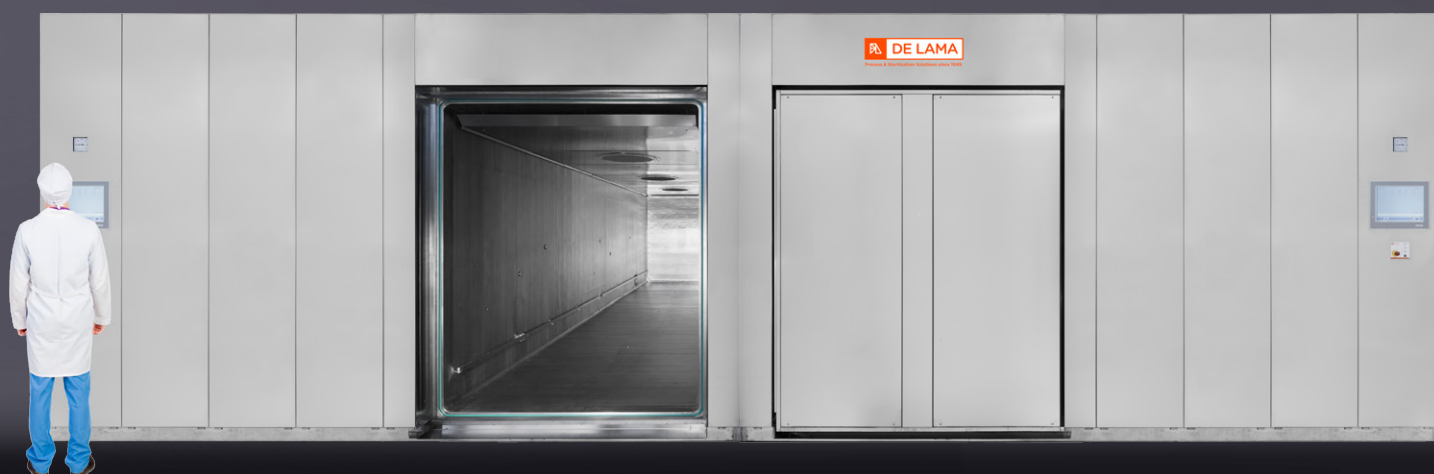


DE LAMA

Process & Sterilization Solutions since 1949

ETO STERILIZERS

DLOG & DLOG/V Series



The industrial low temperature autoclaves for treatment of temperature sensitive packed medical products (e.g. empty syringes, catheters, sutures etc.), antique books and furnitures



**Parapharmaceutical
Industry**



Antiques



Archives

MAIN FEATURES

Wide range of
chambers sizes and
configurations

Heavy duty
construction
for industrial use

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 640 lts up to 50 m³
- design for installation on the floor or pit-mounted (for load direct introduction into the chamber)
- parallelepiped chamber in stainless steel
- jacket to optimize the temperature uniformity into the chamber through an original system for hot water circulation
- single or double door, hinged or automatically sliding, eventually heated through circulation of hot water coming from the jacket
- ventilator system, with revolution detector, to favour the best sterilant distribution inside the chamber and prevent sterilant stratification
- chamber piping and fittings in stainless steel
- circuit to heat water circulating inside the jacket
- sterilant pre-conditioning group for sterilant controlled evaporation from liquid to gas status
- steam generator for load humidification/conditioning, prior to sterilant injection into the chamber, to allow sterilant best penetration into the load
- group for ETO and water separation on the exhaust line, inclusive of reduction and stabilization group for the gas conveyed to a combustor system
- air inlet absolute filter with 0,22 micron cartridge for chamber vent
- gas inlet filter with 50 micron cartridge for sterilant injection into the chamber
- entry connections for thermometry, vacuum test and sampling port to determine ETO concentration or RH value
- high grade thermal insulation
- built-in or separate electrical cabinet
- external panel/s in stainless steel
- pressure transmitter for pressure monitoring inside chamber
- thermoresistances Pt 100 Ohm class A EN 60751 for temperature monitoring/regulation inside the chamber
- humidity/temperature transmitter for humidity monitoring inside the chamber
- wide range of alarms and safety devices to assure Operator protection and proper equipment operation
- thermal combustor system for exhausted gas elimination for environmental protection (available on request)
- gas detector set up at different locations to monitor and alarm any leak of ETO (available on request)