



FILL FINISH
Technology



DE LAMA

Process & Sterilization Solutions since 1949

www.fillfinish.com

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Process & Sterilization Solutions since 1949

MAIN PRODUCTION



CERTIFIED QUALITY



DE LAMA design, engineering and manufacturing are according to the highest quality standards (UNI EN ISO 9001 and 13485), pharma rules (GMPs, GAMP, FDA) and rigorous pressure vessels regulation (PED, ASME, RTN, ML/SELO).

WORLDWIDE DISTRIBUTION



DE LAMA "100% Italian manufacturing company" is worldwide present through a well established network, granting a prompt and reliable support of local agents and after sales representatives.

TAILOR MADE SOLUTIONS



The wide experience, the long established presence on international markets and the proven design flexibility are the core elements of De Lama to fulfill the widest variety of client needs.



PHARMACEUTICAL



LABORATORY



MEDICAL



FOOD



COSMETICS



ANTIQUE

STERILIZERS

Autoclaves

Monobloc vertical steam sterilizers

Configurations ranging from the basic steam sterilization to the combined air/steam mixture suitable for deformable containers or High Pathogen materials



DLV-CAB

Air/steam mixture sterilizers

To perform sterilization of large volume infusional/parenteral solutions (LVP) in non-deformable on in deformable containers



DLOAV

Steam sterilizers

Configurations ranging from the basic steam sterilization to the combined air/steam mixture suitable for deformable containers or High Pathogen materials



DLOV & DLOV/HP

ETO sterilizers

For the low temperature sterilization of temperature sensitive products



DLOG & DLOG/V

Superheated water sterilizers

To perform sterilization of large volume infusional/parenteral solutions (LVP) in non-deformable on in deformable containers



DLOS

Vacuum Hydrogen Peroxide sterilizers

For the low temperature terminal sterilization of packaged thermosensitive products



DLVHP/ST

Ovens

Dry Heat sterilizers

For dry heat sterilization



DLST

Dry Heat sterilizers ISO 5

For the sterilization and depyrogenation by dry heat



DLST/L

DECONTAMINATION UNITS

Vacuum Hydrogen Peroxide

For product surface decontamination with Hydrogen Peroxide H_2O_2



DLVHP/DE

WASHING UNITS

Washing, disinfection and drying

For bins, machine parts and tools washing



DLWD

COMBO STERILIZATION + DECONTAMINATION

Saturated Steam and Hydrogen Peroxide

For the sterilization and decontamination by H_2O_2



DLOV/DE

Air/steam mixture and Hydrogen Peroxide

For the sterilization and decontamination by H_2O_2



DLOAV/DE

COMBO WASHING + STERILIZATION

Washing & steam sterilization

For the washing and sterilization of bins, machine parts and tools



DLOV/W

STEAM GENERATORS

Clean, pure & ultra-pure pyrogen free steam generators

Steam heated or electrically heated generators for production of steam, stand-alone or built-in with the autoclave



DLSG

DRYERS

Hot air static dryers

For drying of powders and grains

DLDR & DLDR/EX

Static Vacuum Dryers

For drying by vacuum of thermo sensitive powders and grains



DLDR/V & DLVR/V/EX

OTHERS

Stainless steel trays, trolleys and baskets for handling & processing



MAGNETIC DOOR

De Lama has developed a new sliding door concept where the door movement is achieved through magnetic coupling. This design minimizes the dirt retention areas in the bioseal and allows the access to the inner side of door.

The advantages of such technology are:

- full direct integrability with an isolator
- accessibility to whole door inner side for cleaning
- door sliding mechanism is minimized to the essential parts, reducing the number of components and their future possible replacement and maintenance costs



INTEGRATION WITH ISOLATOR

De Lama is the only manufacturer in the world to present the door sliding mechanism with magnet. Such design is the perfect solution for a direct integration with an isolator where cleanability, reduced footprint and sanitization with H_2O_2 are a paramount.

The main advantages are:

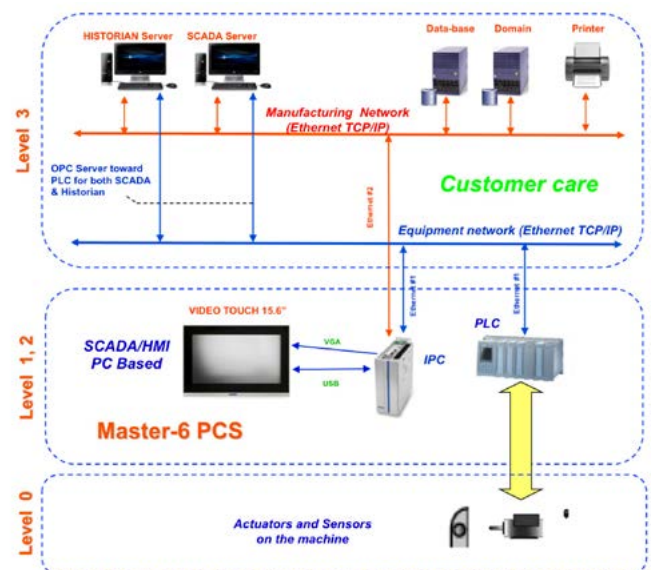
- door sliding instead of hinged design minimizes the isolator space devoted to the integration with the equipment (no clearance for the door swinging)
- the magnetic sliding minimizes the number of components and materials positioned on the isolator side reducing the risk of dirt retention
- the limited number of components and the clean design of the door allow the full sanitization and compatibility with H_2O_2 during the isolator inner treatment



INTEGRATION WITH SOFTWARE

Industry Standard Architecture for easy IT integration and best compliance to the 'Data Integrity' and CFR21 Part 11 requirements, in particular:

- Direct connection to PLC through OPC server
- MES system integration
- Easy centralized SCADA integration
- Historical GMP data collecting
- Domain connection for centralized password handling
- SCADA interface from major worldwide SCADA producer



Main Production EN 10/18

Leading Pharma
Technology

GMP Compliant
Systems

Experts in Aseptic
Processing

Equipment
Synergy

Your Number One Equipment Partner for
Sterile Manufacturers in the UK & Ireland

Get in touch!



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