



LABEL HOSPITAL DIVISION

TECHNICAL DOORS
FOR SANITARY ENVIRONMENTS



LABEL: ITALIAN INNOVATION FOR AUTOMATIC AND HOSPITAL DOORS

OUR EXPERIENCE, DRIVING YOUR SUCCESS

We are an Italian company with over 45 years of experience and a presence in over 69 countries worldwide.

We manufacture hospital doors, door automation systems, and complete entrance solutions, all designed with meticulous attention to detail.

Every stage of the design and production process is carefully monitored to ensure the high quality standards that define our company.

OUR KEY WORDS

#ergonomics and #functionality _ Every product we create is designed as a practical response to a real need. It is the result of studying user behaviour in context, meeting today's requirements while keeping a close eye on future needs.

#modularity _ The modular concept behind our hospital doors enables designers to configure highly customised solutions in terms of dimensions, accessories and finishes, starting from standard components. This approach allows us to offer top-quality products at competitive prices.

#durability _ Our doors are tested for a high number of cycles and certified by Istituto Giordano. Thanks to the use of brushless motors and high-quality materials, they deliver reliable long-term performance while requiring minimal maintenance.

#support _ We work alongside designers and contractors at every stage of the project, from specification analysis to the selection of the most suitable solutions. We provide BIM models to simplify the design process and EPD declarations to support the environmental value of the building.

Our doors are designed for intensive use. To keep them operating at peak efficiency, we recommend regular preventive maintenance. Our service and spare parts department is organised to respond quickly and effectively to the needs of maintenance professionals.



TABLE OF CONTENTS

TECHNICAL DOORS ENHANCING SANITARY ENVIRONMENTS	p. 4
WHY CHOOSE LABEL TECHNICAL DOORS?	p. 6
LABEL TECHNICAL DOORS: THE RIGHT SOLUTION FOR EVERY HOSPITAL ENVIRONMENT	p. 8
SLIDING DOORS	p. 10
HERMETIC GRADE	p. 10
SIMPLE SEALING	p. 11
SWING DOORS	p. 12
HERMETIC GRADE	p. 12
SIMPLE SEALING	p. 13
ICU-CCU DOORS	p. 14
INTENSIVE CARE AND SUB-INTENSIVE CARE	p. 14
FIRE RATED DOORS	p. 15
SPACE SAVING DOORS	p. 16
TELESCOPIC SLIDING DOORS	p. 16
BI-FOLDING DOORS	p. 16
CUSTOMIZED SOLUTIONS	p. 17
CASE STUDY	p. 17
LABEL WORKS	p. 18

TECHNICAL DOORS ENHANCING SANITARY ENVIRONMENTS



01_AIR CONTAMINATION PROTECTION

Ensuring air cleanliness is an essential requirement for high sanitary grade environments such as operating blocks, sterilization departments, clean rooms, or isolation rooms with rigorous contamination control requirements.

A level of differential air pressure between working zones is one way of guiding air-flow direction from higher sanitary zones to lower ones, reducing the possibility of reverse air contamination. Nevertheless, this concept requires the support of adequately selected equipment of hermetic grade air-isolation capabilities, guaranteeing the air separation of different zones at all times.

Label hermetic grade doors contribute to maintaining the sterility of a high sanitary grade zone in prevention of uncontrolled contaminated air passage between different areas.



02_CROSS-INFECTION CONTROL

Healthcare-Associated Infections (HAIs) are infections patients acquire while receiving medical treatment in hospitals, clinics, or long-term care facilities. Viral and/or bacterial surface growth is one of the leading reasons for such HAIs through touch cross-contamination.

A combination of periodic sanitization and the application of anti-microbial surfaces and materials is one way to reduce microbial and viral growth on surfaces and equipment in high sanitary grade environments. Yet, such a concept is facilitated by uniquely designed elements with smooth surfaces without edges and acute corners acting as bacteria infestation habitats difficult to clean.

Label hospital doors, with their anti-microbial seamless surface and wide radius edge(s) design, facilitate disinfection processes, reducing the possibility of surface contamination. While touchless-activation control options are also offered to reduce cross-infection possibilities in high sanitary grade environments.



03_RADIATION PROTECTION

Whether for diagnostics or therapy, numerous radiation related applications are present in a hospital or healthcare facility, creating radioactive zones with potential radiation exposure risks for personnel and patients.

The utilization of lead (Pb) lined or radiation shielded construction elements, such as walls, doors and windows, helps with blocking radiation and ensuring that the radiation dose, for exposed workers and the general public, does not exceed the established safety limits.

Label doors will ensure the required level of protection, through the insertion of lead sheet shielding, while maintaining continuous and high functional reliability of the access points to such valuable working areas in a healthcare facility, ensuring the smooth and safe flow of personnel and patients.



04_PATIENT MONITORING

Continuous patient monitoring and follow-up is one of the main functions assumed by healthcare personnel in a hospital. Whether in an Intensive Care Unit, a Patient Recovery Room, or an Operating Room, the staff must always have the ability to visually monitor patients, without continuously accessing the area in which the patient remains.

It is important to carefully select door solutions that provide the possibility for patient and work zone monitoring while maintaining the delicate balance of patient privacy as well.

Label fully glazed doors or doors with sufficiently sized viewing windows including privacy options such as venetian-blinds or smart-glass can strike the perfect balance between the need for patient monitoring while maintaining the feeling of privacy when necessary.



05_MOVEMENT FLOW'S & SPACE OPTIMIZATION

The flow of personnel, equipment and patients is carefully planned in healthcare facilities, constantly looking to strike the right balance between optimizing available spaces while providing sufficient flow clearances.

Healthcare facility technical doors are designed to achieve a wide range of clear opening dimensions. Smaller openings dedicated for staff movement, extending up to wider clear openings for equipment and patient flow on beds or stretchers.

Label provides the right space-saving door solution, such as telescopic door, bi-folding door, or a double-leaf doorset, offering the optimum balance between maximizing clear openings while reducing the required functional space.



06_FIRE PROTECTION

In emergencies, doors play an important role in fire compartmentalization and exit strategies.

Label fire rated doors that respect other healthcare facility technical requirements, such as cross-contamination control and radiation protection, have become a key necessity in maximizing facility safety while maintaining sanitary necessities.

07_DESIGN PERSONALIZATION

The choice of the right accessories for different contexts makes the staff's work more efficient. The variety of material finishes and design customizations allow the departments to be characterized while respecting the theme of the facility.

Label will help you make the right choices with the modularity of its product range combined with its extensive expertise in the field, knowing that the key is to select door sets that allow for aesthetically pleasing design configurations while maintaining the rigorous sanitary technical requirements.

WHY CHOOSE LABEL TECHNICAL DOORS?

AUTOMATION COVER:

- Customizable finishes and colors
- Easy Maintenance Access

DIGITAL PROGRAMMER & MODE SELECTOR:

- User-friendly - Easy mode function selection
- Maintenance Accessibility - Intuitive troubleshooting & programming
- Smart Phone Connectivity

ACTIVATION DEVICE VARIETY:

- Elbow switch
- Foot switch
- Knee switch
- Touchless switch

DOOR PANEL FINISHES & CUSTOMIZATIONS:

- HPL - Enhancing Durability
- Stainless Steel - Enhancing Hygiene
- Glass - Enhancing Visibility
- Antibacterial finishes
- Color Variety, Printing, & Design Customizations



LABEL TECHNICAL DOORS, DEDICATED TO FACING CHALLENGES IN HIGH SANITARY GRADE ENVIRONMENTS WHILE OFFERING:

- ELEGANCE IN DESIGN
- RELIABILITY IN FUNCTIONALITY
- SILENCE IN MOTION
- SAFETY AT THE FOREFRONT
- MODULARITY IN CONSTRUCTION
- DIVERSITY OF ACCESSORIES
- EASE OF INSTALLATION
- USER-FRIENDLY



AUTOMATION:

- Brushless-Motor technology with silent functionality
- Brushless-Motor technology with increased reliability
- 6 years guarantee on Brushless-Motor*

SEMI-FLUSH SAFETY SENSORS:

- Elegant design guaranteeing focused sensor range
- Reduced dust and bacteria accumulation

VIEWING WINDOWS:

- Seamless & flush application
- Dimension and orientation variety
- Smart-glass and venetian blind privacy options

HANDLES VARIETY DEPENDING ON DOOR FUNCTION:

- Antibacterial Handles
- Stainless-steel handles
- Flush Handles
- Lever Handles
- C-Handles

WALL FRAME:

- Screwless & seamless modular design
- Easy and rapid installation
- Customizable colors and finishes

LABEL TECHNICAL DOORS: THE RIGHT SOLUTION FOR EVERY HOSPITAL ENVIRONMENT

SLIDING DOORS:

- 1 Hermetic Doors
- 2 Simple Seal Doors

SWING DOORS:

- 3 Hermetic Doors
- 4 Simple Seal Doors

- 5 ICU-CCU DOORS

- 6 FIRE RATED DOORS

SPACE SAVING DOORS:

- 7 Bi-Folding Doors
- 8 Telescopic Sliding Doors





HOSPITAL DOOR
LABEL



SLIDING DOORS



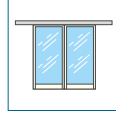
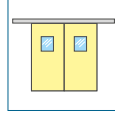
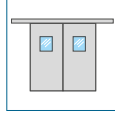
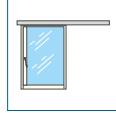
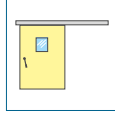
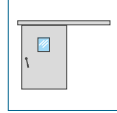
Operating Room



Clean Room



Laboratory



SLIDING:
- 1 leaf / 2 leaves
- Automatic
- Manual

HERMETIC GRADE



LABEL offers its hermetic certified sliding door range, EN 12207 standard, to satisfy high sanitary grade environment requirements where air-flow control is required, while considering other vital healthcare facility requirements:

- Diverse material finishes, Stainless-Steel, HPL, & Glass
- Seamless customizable leaf designs, considering healthcare requirements
- Semi-flush mounted safety sensors, for hygiene and increased accuracy in tight spaces
- Wide Range Clear Openings, optimizing personnel and patient flows
- Screwless telescopic modular wall frames
- Modularity of accessories, including access-control, handles, and windows
- Touchless-Activation, for reduction of cross-contamination possibility
- Reliable functionality, with emergency battery back-up
- Radiation protection, suitable for multiple applications
- Certified sound insulation
- All certificates and technical considerations conforming to European and International Standards



INTERLOCK:
- Sliding Doors



RADIATION
PROTECTION



SIMPLE SEALING

LABEL also offers its simple sealing sliding door range, designed and dedicated to satisfy sanitary and healthcare facility requirements:

- Diverse material finishes, Stainless-Steel, HPL, & Glass
- Seamless customizable leaf designs, considering healthcare requirements
- Semi-flush mounted safety sensors, for hygiene and increased accuracy in tight spaces
- Wide Range Clear Openings, optimizing personnel and patient flows
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SWING DOORS



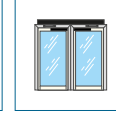
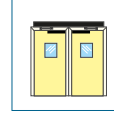
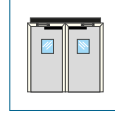
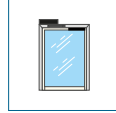
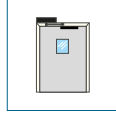
Operating Room



Patient Rooms



Department Access



SWING:
- 1 leaf / 2 leaves
- Automatic
- Manual

HERMETIC GRADE



LABEL offers its hermetic certified swing door range, EN 12207 standard, to satisfy high sanitary grade environment requirements where air-flow control is required, while considering other vital healthcare facility requirements:

- Diverse material finishes, Stainless-Steel, HPL, & Glass
- Seamless customizable leaf designs, considering healthcare requirements
- Wide Range Clear Openings, optimizing personnel and patient flows
- Screwless telescopic modular wall frames
- Modularity of accessories, including access-control, handles, and windows
- Touchless-Activation, for reduction of cross-contamination possibility
- Reliable functionality, with emergency battery back-up
- Radiation protection, suitable for multiple applications
- All certificates and technical considerations conforming to European and International Standards



INTERLOCK:
- Swing
Doors



RADIATION
PROTECTION



SIMPLE SEALING

LABEL also offers its simple sealing swing door range, designed and dedicated to satisfy sanitary and healthcare facility requirements:

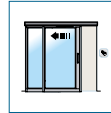
- Diverse material finishes, Stainless-Steel, HPL, & Glass
- Seamless customizable leaf designs, considering healthcare requirements
- Wide Range Clear Openings, optimizing personnel and patient flows
- Screwless telescopic modular wall frames
- Modularity of accessories, including access-control, handles, and windows
- Touchless-Activation, for reduction of cross-contamination possibility
- Reliable functionality, with emergency battery back-up
- Radiation protection, suitable for multiple applications
- All certificates and technical considerations conforming to European and International Standards



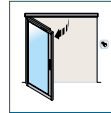
ICU-CCU DOORS



Intensive Care
and Sub-Intensive Care



1 SLIDING GLASS DOOR
- Automatic
- Manual



2 SWING BREAK-OUT MECHANISM
- Extended clear passage



INTENSIVE CARE AND SUB-INTENSIVE CARE

LABEL offers a variety of solutions dedicated to Intensive Care Units and Isolation Rooms, where the following requirements are met:

- **PATIENT MONITORING:** Full glass door solutions combined with glass side panels, including a variety of privacy options with venetian-blinds and smart-glass
- **WIDE CLEAR PASSAGE:** Telescopic sliding and break-out sliding solutions, maximizing free-passage in limited spaces
- **HYGIENE:** Hermetic glass doors, allowing for visibility and higher grade of air-flow and contamination control.



FIRE RATED DOORS



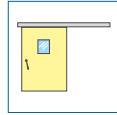
Operating Room



Clean Room



Laboratory



SLIDING:
 - 1 leaf
 - Hermetic or Simple Sealing
 - Automatic



RADIATION PROTECTION



HOSPITAL DOOR
LABEL

LABEL offers a unique product, satisfying the increased attention to safety standards in healthcare globally. The fire rated sliding door dedicated for use in healthcare and high sanitary requirement zones includes:

- HPL material finish, in multiple colors
- 60 minutes fire rating, EI 60
- Certified hermetic or simple sealing
- Certified smoke rating
- Certified sound insulation
- Radiation protection, suitable for multiple applications
- Semi-flush mounted safety sensors, for hygiene and increased accuracy in tight spaces
- Wide Range Clear Openings, optimizing personnel and patient flows
- Modularity of accessories, including access-control, handles, and windows
- Touchless-Activation, for reduction of cross-contamination possibility
- Reliable functionality, with emergency battery back-up.
- All certificates and technical considerations conforming to European and International Standards



SPACE SAVING DOORS



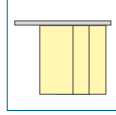
Entrances



Corridors

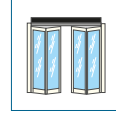


Operating and Radiology Rooms



TELESCOPIC SLIDING:

- 1, 2 or 3 mobile leaves
- Stainless-Steel, HPL, or Glass finishes
- Automatic



BI-FOLDING DOORS:

- Full Glass finish
- Automatic

TELESCOPIC SLIDING DOORS

LABEL offers space-optimizing solutions for healthcare with its telescopic sliding doors range.

With its 2 or 3 telescopic leaf sliding door solution, available in stainless-steel, HPL or Glass finishes for different environments, clear openings of up to 3-meter width can now be achieved with only 1-meter space necessity on the side of the opening.

BI-FOLDING DOORS

LABEL also offers its Bi-folding door solution for general areas and corridors inside a healthcare facility.

Stand-alone Bi-folding doors are useful in sectioning general areas and corridors without the need for a mountable surface, while maintaining the maximum free-opening space achievable.



CUSTOMIZED SOLUTIONS

LABEL being an in-house producer of all automation parts and door-set components, and with the extended experience of its technical department, is able to provide functional **customized solutions** suiting the most ambitious visions.



HOSPITAL DOOR
LABEL



CASE STUDY

HYBRID OPERATING ROOMS MOBILE CT SCANNER PARKING BAY ACCESS

- 3-leaf telescopic sliding door
- 3mm Lead Lining
- 3000 x 2800 mm clear opening
- Ceiling flush-mounted automation
- Customized door-leaves matching ceiling and slide rail

LABEL WORKS



▲ **Algeria - Constantine:**
Operating Block, Hermetic Sliding Doors



▲ **Bosnia - Dobo:**
Operating Block, Simple Sealing Doors



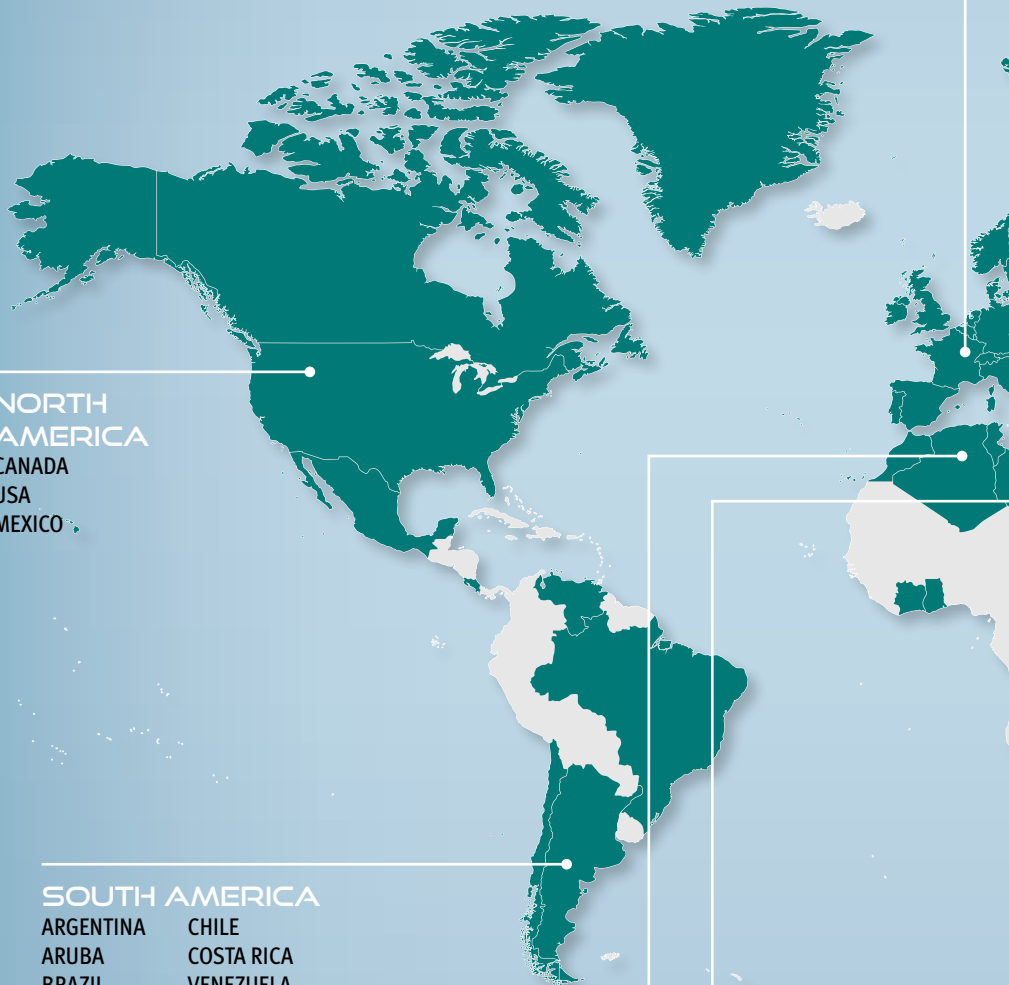
▲ **Singapore - Sengkang:**
Isolation Rooms, Hermetic Swing Doors



▲ **Ireland - Sligo:**
Intensive Care Unit, Hermetic Sliding Glass Doors



▲ **Italy - Apulia:**
Patient Rooms, Simple Seal Sliding Glass Doors



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USA
MEXICO

SOUTH AMERICA
ARGENTINA CHILE
ARUBA COSTA RICA
BRAZIL VENEZUELA

SAUDI ARABIA

AFRICA
ALGERIA LIBYA
IVORY COAST MOROCCO
EGYPT MOZAMBIQUE
GHANA TUNISIA

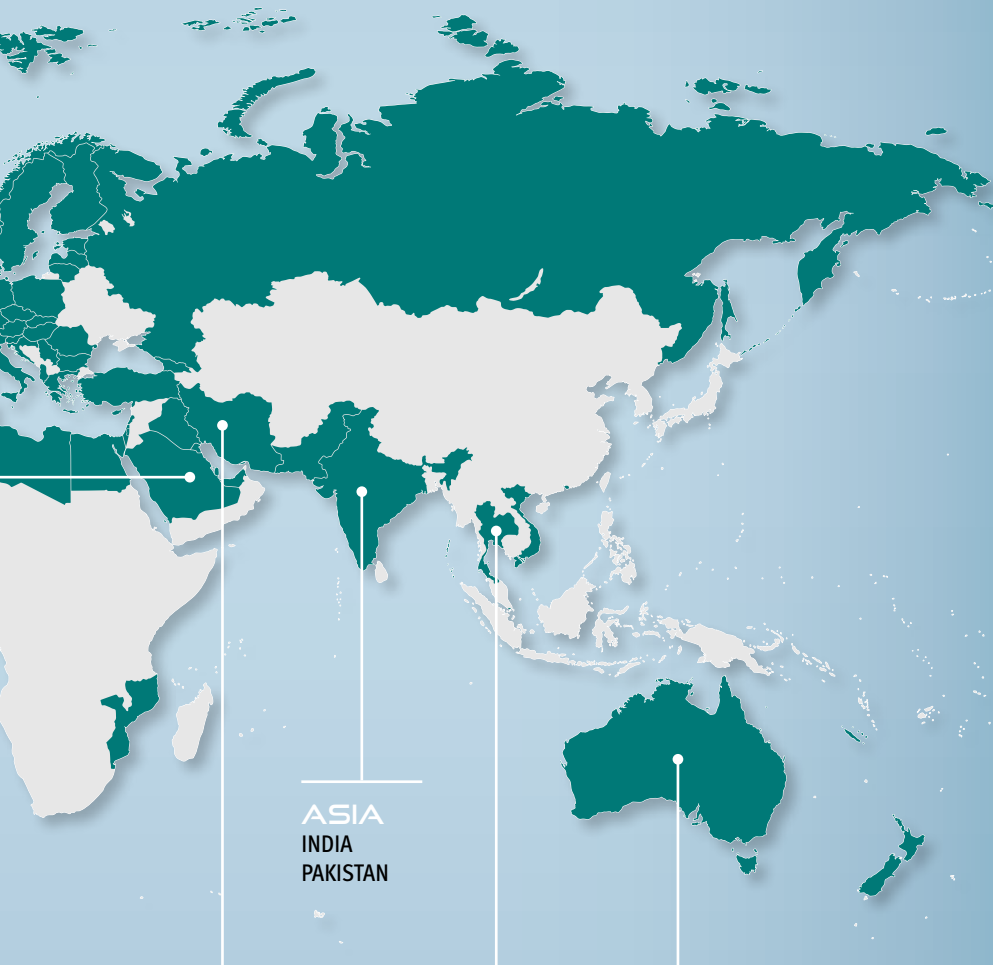
EUROPE

ITALY
(Headquarters)

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OMAN
PALESTINE
QATAR
TURKEY

FAR EAST

HONG KONG
SINGAPORE
THAILAND
VIETNAM

OCEANIA

AUSTRALIA
NEW CALEDONIA
NEW ZEALAND



▲ **Italy** - Emilia Romagna:
Hospital Entrance, Double Sliding Glass Doors



▲ **Italy** - Lombardia: Hybrid Operating Room,
X-ray Telescopic Sliding Doors



▲ **Italy** - Piedmont:
Operating Block, Hermetic Sliding Doors



▲ **Sweden** - Eksjo:
Operating Block, Hermetic Sliding Doors



SUSTAINABILITY IS AN OPEN DOOR

HEADQUARTER:

Label S.p.A.

Via Umberto Ilariuzzi 17/A
43126 (PARMA) Italy
T. +39 0521 6752
infocom@labelspa.it

UK:

Label UK Automatic Door Solutions Ltd

Faraday Drive, Bridgnorth,
Shropshire WV15 5BQ - UK
phone +44 01746 768227
fax +44 01746 767565

UAE BRANCH:

Label S.p.A

Jebel Ali Freezone Authority,
Dubai,
United Arab Emirates
infocom@labelspa.it

www.labelspa.com

