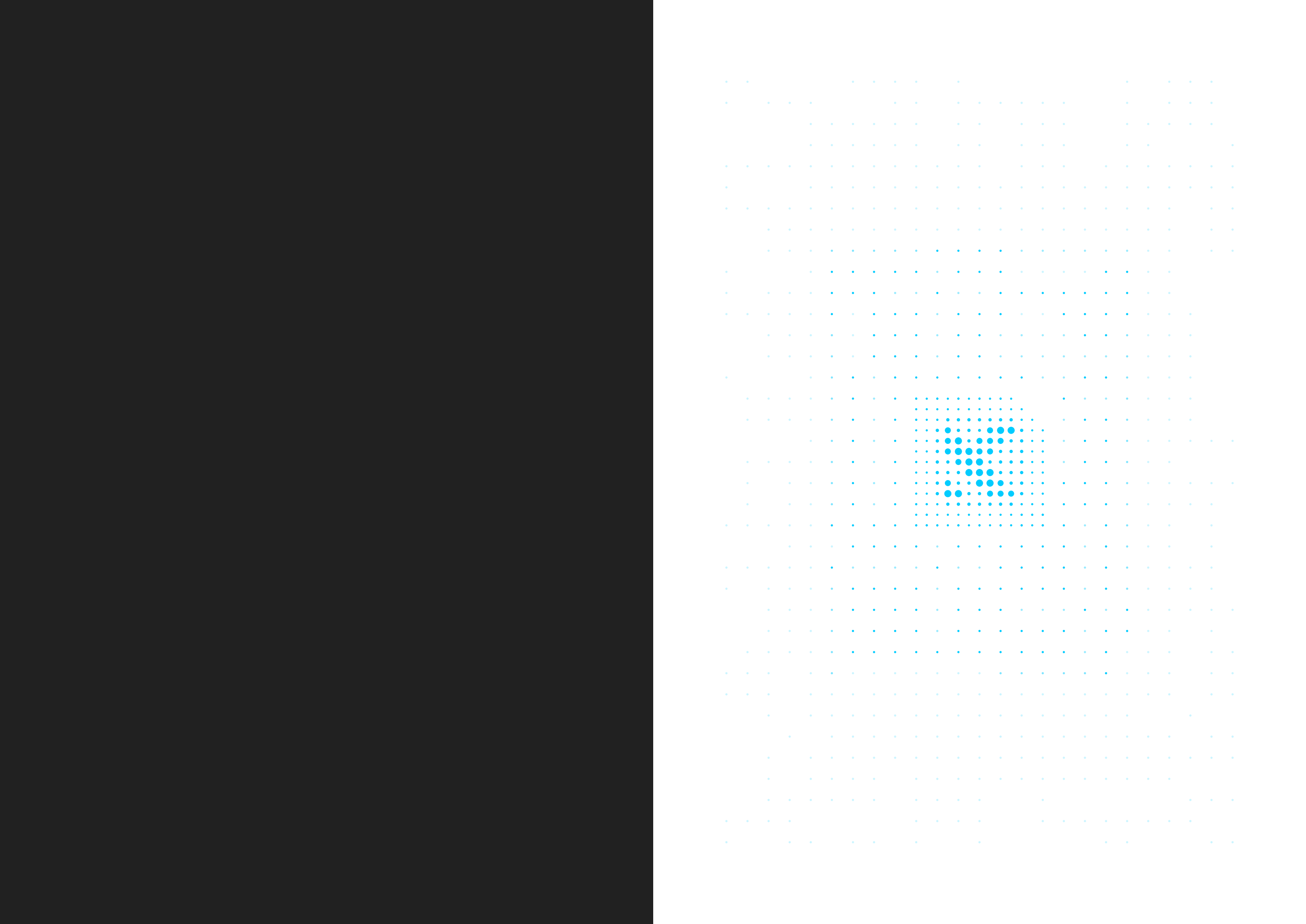


KLEANLABS

CLEANROOM DOORS

Cleanroom compliant, system independent doors designed to meet all your needs.





ABOUT KLEANLABS

Thanks to our efficient progression in 2015 KleanLabs established a new manufacturing plant of 1700 m², where we have the capacity to produce five thousand items a year.

Our products were perfected by the experience of developing close to one hundred cleanroom implementations in the past decade. We used our experience to create a product range that withstands extreme mechanical stress, yet is pleasing to the eye. KleanLabs systems fulfill all cleanroom requirements and they are user friendly, as they are easy to install and maintain.

What makes however these products truly unique is the outstandingly competitive prices we are able to maintain. We offer world leading quality much under the prices you might be familiar with. We believe cost-efficiency should never result in opting for low quality.



ABOUT KLEANLABS

Continuous development

We work with hundreds of customers who constantly evaluate our products. Our engineers use this feedback and work with it to keep enhancing our products. We believe in conscious engineering. KleanLabs items have no weak parts, as we are constantly improving every single compartment as well as the whole design.

ISO9001 certified manufacturing system

Our manufacturing system is certified by the International Organisation for Standardisation's 9001 standard that was created to support companies in delivering higher quality, safer, and more sustainable products and services. KleanLabs is not only compliant with this standard, but is certified.

Made in the European Union

We are proud to solely rely on the best quality components when creating our products. For this, we only work with partners in the European Union that has one of the most reliable and most strictly regulated markets in the world. For the best possible outcome, our products are also assembled in the European Union.

CE marked

Our products are CE conforming, that ensures our declaration that they meet the high-standard requirements of the European community's product directives. It not only provides a legal base for KleanLabs to be put on the market, but also sets strict and essential requirements in quality, health, safety and environmental protection.

EN ISO 14644 compliance

Our cleanroom doors are compliant with the European Standard EN ISO 14644 standards. This means if you use our doors, they will maintain the required air cleanliness in your cleanroom environment. Our doors also do not interfere with the conditions in which that level of cleanliness has to be controlled and maintained.

EMI Building Institute certification

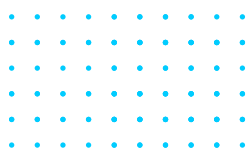
EMI is a Hungarian institution that is the member of EOTA, UEAtc, WFTAO and ECIIICE international institutes. We are proud for our doors to meet prEN 14351-2:2009, ISO/TC 162, CEN/TC 33 standards, that has been tested and approved by the EMI Institute.

GMP compliance

The strict GMP guidelines of the European Union require cleanrooms to meet certain particle numbers both during operation and the manufacturing process. KleanLabs doors will not hold you back from meeting these GMP qualifying standards, even from GRADE 1 level.



PRODUCTS



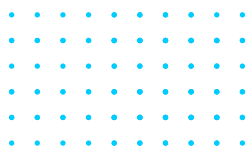
HINGED DOORS

TT1

KleanLabs single-wing hinged doors are the standard solution for clean environments.

MINIMUM OPENING DIMENSIONS	600*1800 mm
MAX. OPENING DIMENSIONS	1200*2500 mm
CUSTOM DIMENSIONS	✓
DOOR THICKNESS	60 mm
INSULATION	PIR
DOORS INTERLOCKING	optional
ALUMINIUM DOORLEAF EDGES	standard
STANDARD SURFACE	Anodised aluminium with RAL9002 door inserts
COLOR OPTION	Full RAL9002 white colour
HIGH PERFORMANCE	✓
DOORLEAF WITH GLAZING	standard
FULL SOLID DOORLEAF	optional
U-TYPE	U-type
WALL APPLICATION	Cleanroom wall, gypsum board wall, brickwork wall, other solid wall types
FIRE RESISTANCE	✗
OPENING TYPE	Manual
APPLICATION	For ISO-14644/GMP clean rooms, laboratories, pharmaceutical applications, high-tech food industry.
STANDARD FITTINGS	Aluminium door edges Steel door inserts 3D adjustable hinges Sliding type door closers Plain glazing Sink gasket Universal doorframe for different walls





HINGED DOORS

TT2

KleanLabs double-wing hinged doors feature an opening comfortable for pushing carts and trolleys in between clean spaces. Recommended for laboratories and clean environments where a wider accessibility is needed.

MINIMUM OPENING DIMENSIONS	1300*1800 mm
MAX. OPENING DIMENSIONS	2400*2500 mm
CUSTOM DIMENSIONS	✓
DOOR THICKNESS	60 mm
INSULATION	PIR
DOORS INTERLOCKING	optional
ALUMINIUM DOORLEAF EDGES	standard
STANDARD SURFACE	Anodised aluminium with RAL9002 door inserts
COLOR OPTION	Full RAL9002 white colour
HIGH PERFORMANCE	✓
DOORLEAF WITH GLAZING	standard
FULL SOLID DOORLEAF	optional
U-TYPE	U-type
WALL APPLICATION	Cleanroom wall, gypsum board wall, brickwork wall, other solid wall types
FIRE RESISTANCE	✗
OPENING TYPE	Manual
APPLICATION	For ISO-14644/GMP clean rooms, laboratories, pharmaceutical applications, high-tech food industry.
STANDARD FITTINGS	Aluminium door edges Steel door inserts 3D adjustable hinges Sliding type door closers Plain glazing Sink gasket Universal doorframe for different walls





SLIDING DOORS

TS1

KleanLabs single-wing sliding doors offer an ideal solution for labs and clean environments with limited space.

MINIMUM OPENING DIMENSIONS	600*1800 mm
MAX. OPENING DIMENSIONS	2500*3000 mm
CUSTOM DIMENSIONS	✓
DOOR THICKNESS	60 mm
INSULATION	PIR
DOORS INTERLOCKING	optional
ALUMINIUM DOORLEAF EDGES	standard
STANDARD SURFACE	Anodised aluminium with RAL9002 door inserts
COLOR OPTION	Full RAL9002 white colour
HIGH PERFORMANCE	✓
DOORLEAF WITH GLAZING	standard
FULL SOLID DOORLEAF	optional
U-TYPE	U-type
WALL APPLICATION	Cleanroom wall, gypsum board wall, brickwork wall, other solid wall types
FIRE RESISTANCE	✗
OPENING TYPE	Manual or Automatic
APPLICATION	For ISO-14644/GMP clean rooms, laboratories, pharmaceutical applications, high-tech food industry.
STANDARD FITTINGS	Aluminium door edges Steel door inserts Compact smooth running sliding track Upper cover for sliding track Universal doorframe for different walls





SLIDING DOORS

TS2



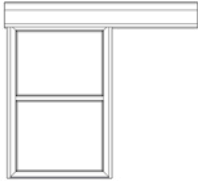
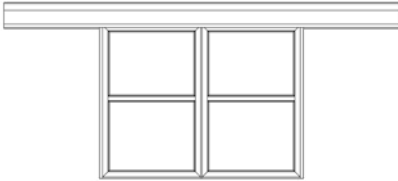
KleanLabs double-wing sliding doors enable trucks and trolleys to pass through clean rooms where space is limited, given the wide accessibility they provide.

MINIMUM OPENING DIMENSIONS	1400*1800 mm
MAX. OPENING DIMENSIONS	2500*3000 mm
CUSTOM DIMENSIONS	✓
DOOR THICKNESS	60 mm
INSULATION	PIR
DOORS INTERLOCKING	optional
ALUMINIUM DOORLEAF EDGES	standard
STANDARD SURFACE	Anodised aluminium with RAL9002 door inserts
COLOR OPTION	Full RAL9002 white colour
HIGH PERFORMANCE	✓
DOORLEAF WITH GLAZING	standard
FULL SOLID DOORLEAF	optional
U-TYPE	U-type
WALL APPLICATION	Cleanroom wall, gypsum board wall, brickwork wall, other solid wall types
FIRE RESISTANCE	✗
OPENING TYPE	Manual or Automatic
APPLICATION	For ISO-14644/GMP clean rooms, laboratories, pharmaceutical applications, high-tech food industry.
STANDARD FITTINGS	Aluminium door edges Steel door inserts Compact smooth running sliding track Upper cover for sliding track Universal doorframe for different walls





COMPARISON





PRODUCT VERSIONS	HINGED		SLIDING	
	SINGLE WINGED	DOUBLE WINGED	SINGLE WINGED	DOUBLE WINGED
MODEL VERSIONS	TT1	TT2	TS1	TS2
				
MINIMUM OPENING DIMENSIONS	600*1800 mm	1300*1800 mm	600*1800 mm	1400*1800 mm
MAX. OPENING DIMENSIONS	1200*2500 mm	2400*2500 mm	2500*3000 mm	2500*3000 mm
CUSTOM DIMENSIONS	✓	✓	✓	✓
DOOR THICKNESS	60 mm	60 mm	60 mm	60 mm
INSULATION	PIR	PIR	PIR	PIR
DOORS INTERLOCKING	optional	optional	optional	optional
ALUMINIUM DOORLEAF EDGES	standard	standard	standard	standard
STANDARD SURFACE	Anodised aluminium with RAL9002 door inserts	Anodised aluminium with RAL9002 door inserts	Anodised aluminium with RAL9002 door inserts	Anodised aluminium with RAL9002 door inserts
COLOR OPTION	Full RAL9002 white colour	Full RAL9002 white colour	Full RAL9002 white colour	Full RAL9002 white colour
HIGH PERFORMANCE	✓	✓	✓	✓
DOORLEAF WITH GLAZING	standard	standard	standard	standard
FULL SOLID DOORLEAF	optional	optional	optional	optional
U-TYPE	U-type	U-type	U-type	U-type
WALL APPLICATION	Cleanroom wall, gypsum board wall, brickwork wall, other solid wall types	Cleanroom wall, gypsum board wall, brickwork wall, other solid wall types	Cleanroom wall, gypsum board wall, brickwork wall, other solid wall types	Cleanroom wall, gypsum board wall, brickwork wall, other solid wall types
FIRE RESISTANCE	×	×	×	×
OPENING TYPE	Manual	Manual	Manual or Automatic	Manual or Automatic
APPLICATION	For ISO-14644/GMP clean rooms, laboratories, pharmaceutical	For ISO-14644/GMP clean rooms, laboratories, pharmaceutical	For ISO-14644/GMP clean rooms, laboratories, pharmaceutical	For ISO-14644/GMP clean rooms, laboratories, pharmaceutical
STANDARD FITTINGS	Aluminium door edges Steel door inserts 3D adjustable hinges Sliding type door closers Plain glazing Sink gasket Universal doorframe for different walls	Aluminium door edges Steel door inserts 3D adjustable hinges Sliding type door closers Plain glazing Sink gasket Universal doorframe for different walls	Aluminium door edges Steel door inserts Compact smooth running sliding track Upper cover for sliding track Universal doorframe for different walls	Aluminium door edges Steel door inserts Compact smooth running sliding track Upper cover for sliding track Universal doorframe for different walls



OPTIONS



OPTIONS

PRODUCT VERSIONS	HINGED		SLIDING	
	SINGLE WINGED	DOUBLE WINGED	SINGLE WINGED	DOUBLE WINGED
	TT1	TT2	TS1	TS2
MODEL VERSIONS				
DOORS INTERLOCKING	Available	Available	Available	Available
GREEN-RED TRAFFIC LIGHT	Available	Available	Available	Available
RELEASE BUTTON FOR INTERLOCK	Available	Available	Available	Available
OPENING WITH AUTOMATIC KIT	×	×	Available	Available
BATTERY RUN SAFETY OPENING	×	×	Available	Available
MAGIC SWITCH OPENING	×	×	Available	Available
SAFETY PHOTOCELLS	×	×	Available	Available
SAFETY RADAR	×	×	Available	Available
REMOTE CONTROL	×	×	Available	Available
EXTERNAL DISPLAY SCREEN	×	×	Available	Available
HYDRAULIC DOOR CLOSER	Available	Available	×	×
STAINLESS STEEL DOOR INSERTS	Available	Available	Available	Available



FEATURES



FEATURES

Completely flat surface

We designed our doors to have completely flat surfaces on both sides. This makes our doors exceptionally easy to clean and maintain. There are no edges for any dust to settle in, even the built in windows are smoothly embedded. Our doors are also completely flush with the clean room walls, if the walls are 60 mm thick.

Thick door panels

In order to provide strong and reliable quality, KleanLabs doors are reinforced. With their 60 mm thickness, these clean room doors have outstandingly high resistance to bending. Their aluminium built will increase their durability and long-lasting functionality.

Easy to integrate

Our doors are completely system independent. Many clean room builders will produce doors that are compatible only with their own design. KleanLabs doors however can be installed to any clean room. We designed the bezels so they fit any wall structure.

High level of airtightness

KleanLabs doors offer the most appropriate level of airtightness your cleanroom is ever in the need of. Measured at 200 Pa pressure, they offer a 3,5 m³ / hm² airtightness. Our doors are also equipped with a double gasket technology and have an integrated sink gasket.



FEATURES

Resistance to cleaning products

It is remarkably easy to maintain our doors. According to tests we have carried out, they are entirely resistant to any popular cleaning product. There is no chemical interaction between the material of KleanLabs door panels' and any sort of detergent.

Antistatic surfaces

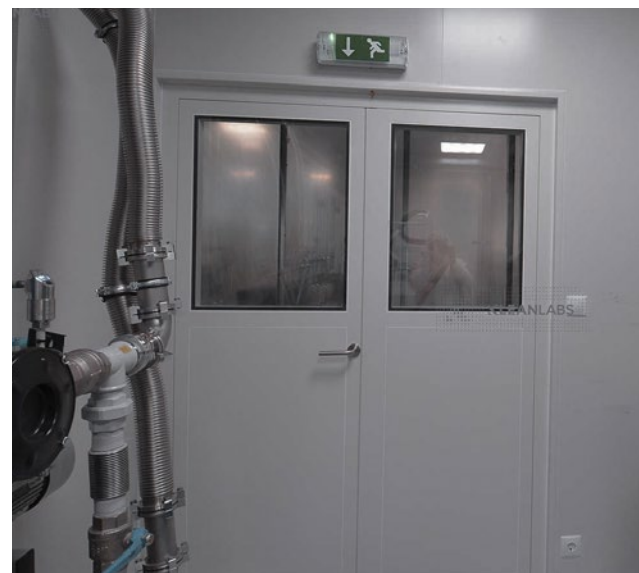
To keep your cleanrooms truly hygienic, all of the materials we are working with are antistatic. This means they are not attracting any occurring contamination. Furthermore, dirt or micro contaminants are also not going to show up on our products.

Safety glazing

Security is of paramount importance to us, therefore every detail of our products is thought through with great care. We equip shatter proof, safety glazing in the windows of KleanLabs doors. This means, should the window break in, the glass will not scatter, but stay in place.

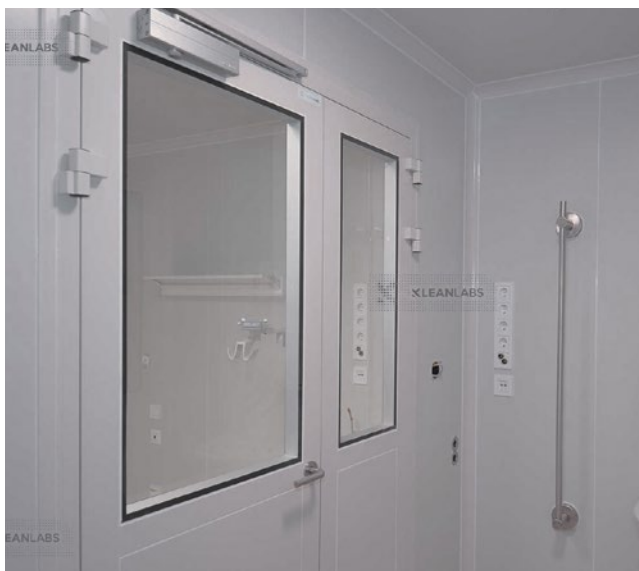
Premium hardware

Our philosophy is that great craftsmanship starts with high-quality materials. We exclusively work with the best, industry-leading suppliers. Therefore, every little element in our products, be them locks, hinges or door pullers, are made of the best quality metals.

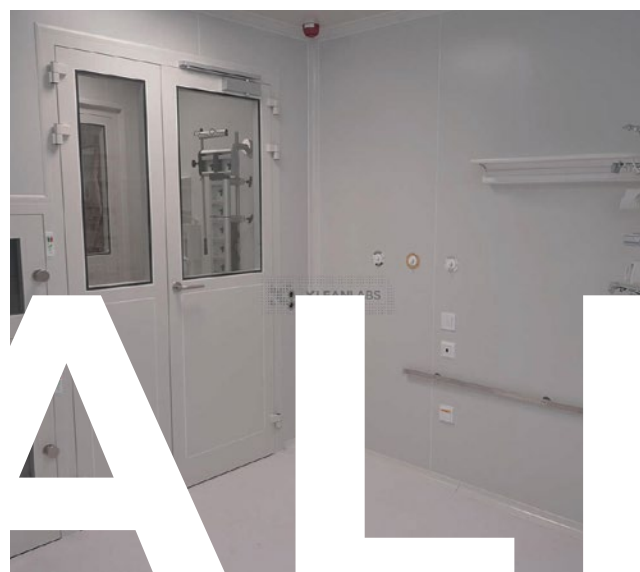


KLEANLABS CATALOG

GALLERY



KLEANLABS CATALOG



GALLERY



DELIVERY



Worldwide delivery

In case you need your products delivered to your door, no distance or scale is a problem for us. Our professional and experienced partners in logistics offer perfectly reliable delivery options to any country in the world. Feel free to contact us about your custom requests.



2-4 weeks from payment to shipping

We are proud to offer a quick manufacturing process. After payment your product is ready to be shipped in 2-4 weeks. By default, we offer shipping under EXW terms, so our products are ready for pickup at our place of business. Further delivery options however are available upon customer request.



Careful packaging

Securing your product is important to us even after the manufacturing process and through shipping. We carefully pack all our products, so they make it to you without any damage. Protecting foil is applied before shipping for complete safety during delivery.



SUPPORT



2-year warranty

KleanLabs is proud to stand by the quality of everything it creates. We don't abandon our customers once we delivered, but a one-year warranty is offered to all of our products by default. For extra security and prolonged care, extended warranty is available upon request.



Customer service

We are responsible in what we do; we care for our customers to a great deal. Furthermore, as the manufacturers of our products, we have the best and most efficient solution to any occurring problem. We offer a full-scale customer service, based on the comprehensive knowledge of our experts who designed these products.



Spare part inventory

The benefits of ordering right from the manufacturer is that we keep every component of our products on stock. Should there be any failure or attrition in your coldroom doors, spare parts can be ordered right away from KleanLabs, with fast delivery.



KLEANLABS

COMPANY NAME

Hűtőépítő Kft.

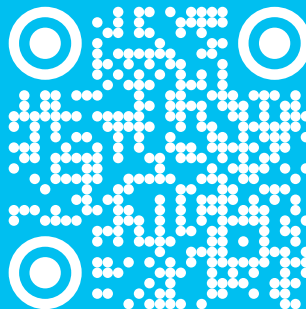
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