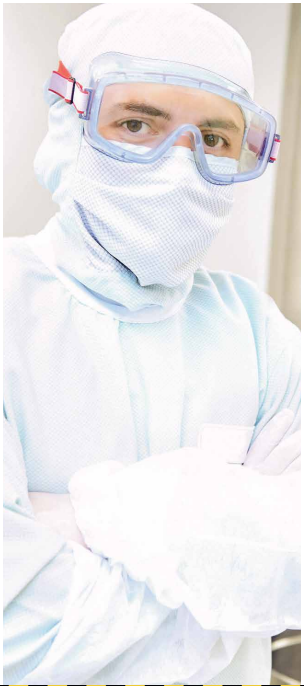






LABORATORIES AND PATIENT ISOLATION ROOMS

FOR HOSPITALS AND HEALTH CARE FACILITIES

PUREVER tech

CLEANROOM TECHNOLOGY

LABORATORIES AND PATIENT ISOLATION ROOMS
FOR HOSPITALS AND HEALTH CARE FACILITIES

Purever Tech, Brand of Purever Industries and a renowned provider for modular cleanroom solutions, presents two solutions for hospital laboratories and patient isolation.

Due to the global pandemic of COVID-19, hospitals need to offer the capacity to perform tests on patients and to be able to isolate positive cases of Corona Virus Infection.

At the same time, hospitals are overburdened by incoming patients that require special care and need to be isolated. Both, laboratories and isolation rooms, require easy to disinfect enclosures, negative air pressure and an airlock in order to avoid airborne infectious particles escaping the isolation room which will cause cross-infection of other people within the healthcare facility.

PUREVER tech

EASY AND QUICK BUILD

CERTIFIED CLEANROOM CONSTRUCTION SYSTEM

Purever Tech offers an **easy and quick-to-build modular system**, that can be assembled inside already existing rooms or installed inside quickly constructed pavilions.

Our construction system also allows to be built outside as it offers high insulation performance and highly resistant finishes.

After the pandemic has passed, these room can be modified or moved without any structural changes of the host building. Each room can be set up, taken down and reassembled effortlessly and time efficiently without damage to the main components.



PURE TECH Systems©

DO YOU REQUIRE A TURNKEY PROJECT?

Purever Tech has longterm partnership with local and multinational companies having executed countless cleanroom projects, such as Pharmaceutical Plants as well as Health Care Facilities, including consultancy, engineering, construction and startup of cleanroom enclosures, HVAC system and utilities.

GET IN TOUCH!

Any need you might have, we are happy to share our expertise in this critical time. With our business areas of MODULAR BUILDING we can even include whole building structures constructed in very short time and with high thermal insulation specs.









Purever Tech is a brand of the industrial group:

PUREVER INDUSTRIES

_Operating in the industrial sector since 1991
_Certified quality
_Environmentally friendly
_Own production sites

PURETECHLAB

A LABORATORY FOR YOUR HOSPITAL

Usually laboratories in hospitals are integrated into normal working areas with the same architectural finishes as other hospital rooms.

Purever Tech solutions are adapted for the construction of controlled environments allowing the creation of certifiable sterile rooms that offer levels of cleanliness a regular space can't. Building materials do not generate particulate contamination and are airtight, which allows to control air pressure, temperature and humidity.

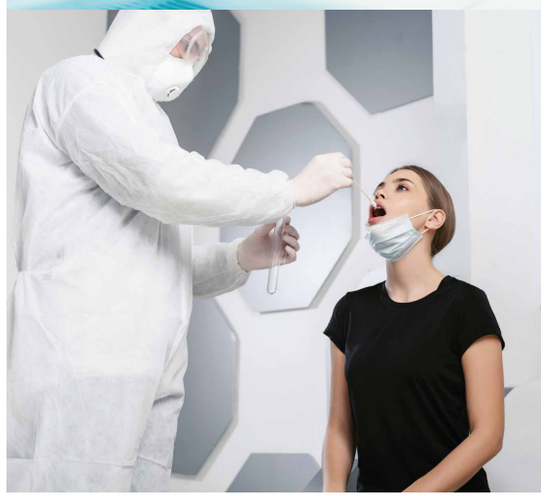
Adding a laboratory to your hospital will make lab testing more efficient as analytical operations can be centralized instead of sending samples to multiple external laboratories. This practice is saving both time and money and at the same time providing hygiene and comfort for the well-being and the safety of patients and medical staff.



SAFETY, SECURITY, TIME AND COST SAVING.

ESSENTIAL ADVANTAGES TO INTEGRATE A LABORATORY WITHIN YOUR HOSPITAL.









PUREVER TECH WILL COMPLETELY ADAPT TO YOUR NEEDS.
We will ask the following questions in order to work out a proposal for you:

• OPERATIONS
How many Covid-19 tests do you want to carry out each week? Will the laboratory be used as well for other testing?

• STAFF, OTHER RESOURCES AND WORKFLOW
How many people are going to work in this lab? A workflow shouald be established that considers all aspects of testing, from receiving, registering and testing samples to removing biological waste.

• TEST EQUIPMENT
What type of equipment will you need - and how much space will it occupy?

• LOCATION
Do you have in mind a physical space that meets your lab's needs? This can be an extra space inside the hospital or a separate facility that may be adapted to your lab's space requirements.

• SECURITY
Covid-19 and other lab samples must only be handled and accessed by authorized staff, so it may be necessary to include an **access control system**.

• SAFETY
As the lab will handle biological, hazardous samples and cross infection of staff and patients must be avoided, it's important to follow protocols in order to keeping staff safe and samples uncontaminated. This includes the use of PPE, that will be put on and o in an airlock before entering the lab.
Purever Tech Building Systems are airtight and designed to integrate complete air treatment systems that can control temperature, relative humidity and establish negative or positive pressure conditions.



PURETECHROOM

PATIENT ISOLATION

Delivered in dismantled modules, with or without flooring and a completely flexible layout, that allows integration of one airlock and an adjacent bathroom and the installation of negative pressure airflow conditions.

As these isolation rooms are for longterm use, they should be equipped with an integrated bathroom that is accessible directly from the patient's space, if this is possible. In the case of several isolation rooms separated from the rest of the hospital, there may be separate bathrooms.

NEGATIVE PRESSURED PATIENT ROOMS WITH COMPLETELY FLEXIBLE LAYOUT, AVAILABLE WITH AIRLOCK AND BATHROOM.











SUGGESTED CONFIGURATION
- 2 Interlocking doors with control and signalling devices
- 1 Door
- 2 Stainless steel hand sanitizers
- 1 Stainless steel sinks
- 2 Stainless steel dispensers
- 1 Stainless steel cabinet
- 1 Stainless steel trash bin
- 1 Working table
- 1 Bed
- Skirting / coving profiles

OPTIONAL EQUIPMENT
- Intercom
- Coat rack
- Air purifier
- Air shower
- Chemical toilet (no connection to sewage needed)
- Additional dispensers/hand sanitizers
- Stainless steel trash bin
- HEPA-filters integrated in the ceiling
- Pass through
- Sinks

FLOORING OPTIONS
- No flooring, using the existing floor.
- Vinyl flooring (cleanroom quality)

HVAC

You can either take advantage of your existing infrastructure (air conditioning system, existing flooring, etc.) or add an air treatment system specifically adapted to this isolation room's needs independent of the technical conditions of your facility.

DIFFERENTIAL PRESSURE

Purever Tech Building Systems are designed to integrate complete HVAC Systems that control temperature, relative humidity and negative pressure condition inside the isolation room necessary to protect employees.

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CLEANROOM TECHNOLOGY

Compliance
that guarantees
performance

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PUREVER INDUSTRIES

Protecting Life