



Cleanroom Technology is shifting.

We are in the age of intelligence now.



At ABN Cleanroom Technology, we have already pre-engineered your cleanroom

Who we are

ABN Cleanroom Technology was founded in 1996 and is now a leading supplier of modular and pre-engineered cleanroom solutions with Industry 4.0 integration. Ever since our establishment, we are specialized in designing, constructing, commissioning and maintaining cleanrooms for the (bio)-pharmaceutical market as well as for life science, healthcare, automotive and micro-electronics facilities.

Disruptive innovation is in our DNA

Disruptive innovation is in our DNA and is the core of everything we do at ABN Cleanroom Technology. Our modular and pre-engineered cleanroom design based on our VIX concept leads to higher flexibility, reduces cleanroom complexity and increases uptime. We thrive on breaking through obstacles to develop innovative solutions and we foster a culture where our people push the limits in innovation.

Purpose

Our purpose is clear: make cleanroom technology affordable in the world through modular and pre-engineered cleanroom design. It is our strong belief that by realising our purpose, we can be a meaningful company in our society.



What we do

POWERED BY THE VIX CONCEPT

- System engineering
- Construction & quality management
- Commissioning
- Qualification & validation
- Industry 4.0
- Maintenance & service



BALLROOM CLEANROOMS
uniform classification

BESPOKE CLEANROOMS
different classification



A large, bright blue mobile cleanroom unit is being lifted by a crane at a construction site. The unit is rectangular with a white door and several circular vents. It is suspended by yellow cables. In the background, there is a multi-story building with a dark facade and yellow window frames. The sky is clear and blue.

What we do

STERICUBE

MOBILE CLEANROOMS & BIOSAFETY LABS

The mobility aspect became ever more important throughout the years. As an alternative for fixed cleanroom constructions, we have therefore developed SteriCube, a product family that consists of a variety of mobile cleanroom solutions. Mobile cleanrooms are highly recommended when in need of a temporary cleanroom or a classified area that might require scalability possibilities up to 300m² in the future.

SteriCube leads the way in off-site built cleanroom construction. These mobile cleanroom units with high performance HEPA filtration technology combined with air conditioning technology are particularly developed for micro-electronics, pharmaceuticals and microbial applications.

How we do it



EXPERTISE

Founded in 1996, ABN Cleanroom Technology has many years of experience in wide-ranging industries. Our R&D team and innovation driven culture help us stay ahead in modular & pre-engineered cleanroom design.



CIRCULAR DESIGN APPROACH

In a focus shift from a linear 'take-make-dispose' model to a circular model, pre-engineered and modular concepts are the key to success. Circular thinking involves the reuse of materials, data and knowledge.



CLEANROOM-AS-A-SERVICE

With a Design- Build- Finance- Maintenance approach, our services range way further than only building a cleanroom. Our OPEX model allows us to offer you a cleanroom-as-a-service all-in model.



V-MODEL FOR SOLID PROJECT MANAGEMENT

Our V-model approach according to EN15643 considers the DQ, IQ and OQ to ensure smooth production start-up. We guarantee efficient project execution and cleanroom usage, without overlooking its demolition phase.



THE INTELLIGENCE OF THINGS

Wondrous things happen when smart is embedded into cleanroom environments. Industry 4.0 integration allows your cleanroom to connect, interact and deliver greater capabilities, efficiencies and experiences.



VIX concept

LET'S SAVE ENERGY IN CLEANROOMS

VIX gives a wide range of opportunities when it comes to future driven cleanroom design. Our ballroom, bespoke and mobile cleanrooms are equipped with the VIX concept. This scalable and flexible platform holds on to a pre-engineered approach concerning the energy and technical installations of each cleanroom in order to optimize the usable space, minimize energy and reduce the duration of the construction work. Redundancy is embedded in the pre-engineered design process where we take Design for Reliability and Maintainability into account to the highest degree. VIX delivers modular building blocks that contain all the intelligence needed for optimal cleanroom design.

99,9% UPTIME



VIX is characterized by its decentral air system with filtration units being installed in the airtight plenum above the cleanroom to guarantee a 99,9% uptime.

UPGRADABLE



The performance of VIX cleanrooms can be easily upgraded and modified over time towards your changing manufacturing process. Let your cleanroom evolve rapidly with VIX.

LOWEST LIFE CYCLE COST



The VIX concept is an energy efficient decentral air circulation concept focusing on the lowest total cost of ownership and OPEX business models.

A cleanroom laboratory with a person in a white protective suit working at a workstation. The room is bright and sterile, with various pieces of equipment and a person in a white protective suit working at a workstation.

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The opportunity
is now. **Are you
ready?**