



Tanto Cleanroom

HVAC

Process Piping

Cleanroom Walls

Electrical

Turn-Key Design Build Cleanrooms

About us



Tanto Technology is a full-service, Turnkey Design-Build/Mechanical contractor, Industry Leaders in Cleanroom Solutions, located in Chengdu, China. From Full-Size Turnkey Cleanroom Projects to Customized Expansions — Top-Quality, Powerful Cleanrooms, Delivered.

Expertise + Plain Talk

We'll explain your options and the solutions at any technical level. We can help you work faster and smarter.

Full Design/Build Capabilities

Start to finish, we design clean room solutions to fit your particular needs anywhere in the world.

Simplicity

We're experts in making it easy to get the right clean room for your situation.

Our Team



Our Team

The Tanto Technology team of Engineers, Architects, Designers, Project Managers and Support Staff are highly experienced and dedicated to its client's success. From concept to complete facility, Tanto Technology offers a broad range of services including: Design Build Cleanrooms (HVAC, process piping, Electrical, Instrumentation & Controls.)

we specialize in cleanroom classes from ISO 4 to ISO 8 ,cleanrooms that are used for some of the following activities: Li-Ion Battery dry rooms ,Semiconductor cleanroom, Photovoltaic cleanroom, environmental test chambers, pharmaceutical storage rooms, temperature-controlled rooms, bio-safety laboratories, pharmaceutical research laboratories, stem cell research laboratories, server control rooms, organic chemistry laboratories, laser rooms, microbiology laboratories and more.

200000 m²

In the past two years, we have completed the construction of a cleanroom factory with an area of over 200,000 square meters.



What we do

We're facing global challenges with a bold strategy and a commitment to a healthier planet.

Who we are

We are experienced HVAC contractors with the knowledge to complete your project in an efficient manner because we understand the importance of getting your clean room online as soon as possible.

Why we do it

One company can change an industry. One industry can change the world.

How we do it

We offer a complete turnkey solution that begins with building to your exact specifications and seeing your project through until completion.

Services



Tanto Technology is a leading expert in cleanroom design, manufacturing, installation and repair.

As an industry leader in cleanroom production, our mission is to be a top resource for cleanroom consulting, design, installation, equipment and repair. With our extensive knowledge of cleanrooms and the industries they serve, we ensure that our clients get exactly the cleanroom they need for their project. We offer a wide variety of cleanroom products and equipment, and strive to provide our clients with the best cleanrooms on the market, specifically tailored to their specifications and industry standards.

Our Process

We understand that no two cleanrooms are exactly the same, and we draw on our years of experience to design a custom cleanroom to fit the specific needs of our customers.





Projects

Dry room for Li-ion battery production

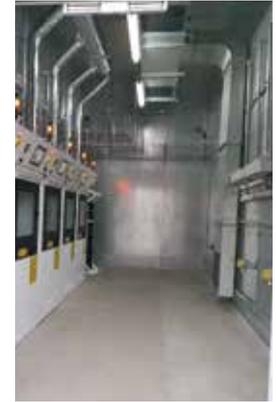
Tanto Technology delivered a new dry room for lithium battery production, within a new scale-up facility for Ganfenglithium.

To disregard any effects of moisture affecting materials, Ganfenglithium require their dry rooms to be maintained at a dew point of approximately 45°C dp.

Clean room for Semiconductor

Semiconductor cleanrooms are specialized environments designed with meticulous attention to control particulate contamination, ensuring the integrity of semiconductor fabrication. These environments are critical for the manufacturing of integrated circuits and microchips, where even the smallest particle can disrupt the delicate processes involved in chip fabrication.





Projects

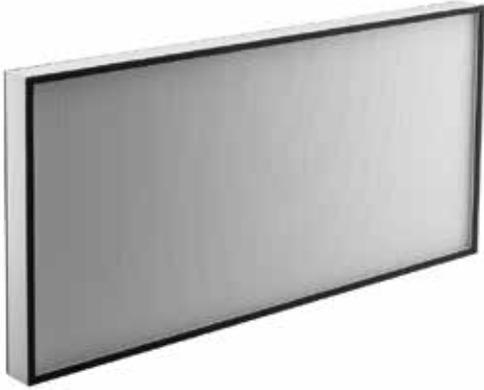
Process Piping

Factories and other industrial facilities often need to move liquids and gases from one location to the next. This requires a complex system of pipes and valves to safely transport materials where they need to go, and plumbing piping is not the right material for the job. Process piping is the safest and most effective way to move fluids and gases through an industrial or manufacturing facility.

Instrumentation & control

Instrumentation & control is one that deals with automated measurements that controls the physical quantities like pressure, level, temperature, humidity, flow etc.





Filter Products



Fan Filters Unit

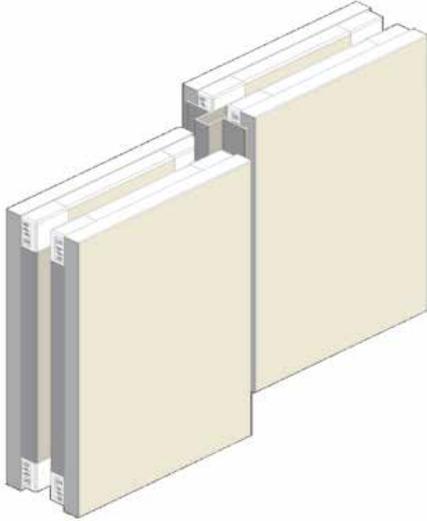


HEPA Box

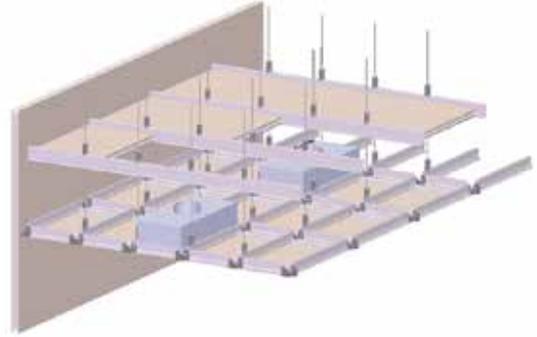


CLEANROOM WALL SYSTEM

Sandwich Wall System

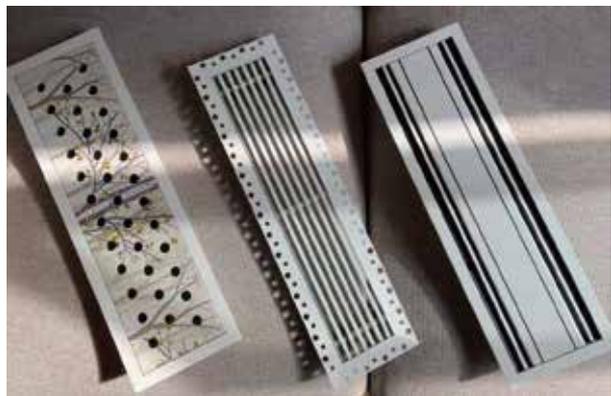


Cleanroom wall system is widely used in electronics, pharma, food, chemical industry



CLEANROOM CEILING SYSTEM

Tanto provides ceiling systems such as walkable ceiling, T-bar ceiling, NCB ceiling system



Air Diffuser



Air Handling Unit



Rotary Dehumidifier



Tanto built strong relationships with large material handling companies

Chiller: TRANE , YORK , Carrier, Climaveneta, etc.

Air-handling units: Trox, Kingair, TICA, Dunan, etc.

Water pump: Grundfos, Wilo, etc.

Air compressor: Ingersoll Rand, Atlas Copco, etc.

Valve: Siemens, Honeywell, etc.



室内空调通风设备及系统研发，
制造和销售的领导者。

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