

Connect 2 Cleanrooms Create a Large Scale ISO 8 Hardwall Cleanroom with Control System, Good Transfer Area & A/C

Class: ISO Class 8 (Federal Standard 100,000)

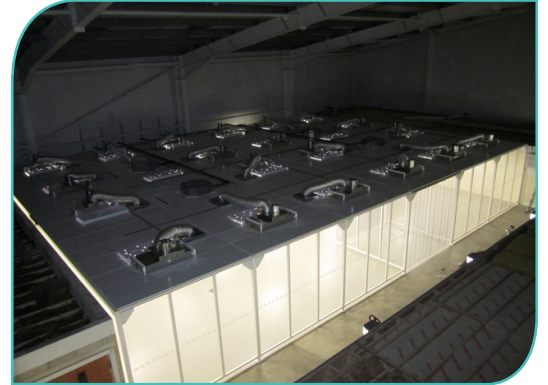
Size: 243m² (13.5m x 18m x 3.2m high)

Filtration: 20 HEPA fan filter units

Air changes per hour: 39 air changes

Additional Features:

- Closed-loop control system
- Goods transfer area with softwall strips
- Integrated cleanroom air conditioning units
- 2 internal support legs utilised as service drops for cabling & power supply
- Customer's logo manifested on hardwall wall panels



Why did the client look for a cleanroom solution?

TSC manufacture medical device components and use a cleanroom during production to meet the Medical Device Directive.

The company were expanding onto a new site, as demand for their product was growing; so they began looking for a cleanroom solution to meet their needs.



How did the client find out about Connect 2 Cleanrooms?

TSC first met us at the 3C Exhibition at the NEC, where they initially spoke with our MD and a Project Engineer.

They liked that they continued to deal directly with our engineers throughout the whole process, as they found the engineers really understood TSC's project requirements and were able to use their insight and experience to advise on various aspects of the project.

Why did the client choose a modular cleanroom solution from Connect 2 Cleanrooms?

TSC were attracted by the short lead time and speed of installation, as this meant they could soon be capitalising on their investment.

Another advantageous benefit was the quality of Connect 2 Cleanrooms' Closed-Loop Control System. As TSC need to store audit trail data for their customers, the automated monitoring, recording and control of the particulate level within the cleanroom saves them a lot of time and effort.

The modular design of the cleanroom meant it could be treated as equipment as opposed to capital, which held a significant tax benefit. This combined with the lower cost per m² compared to a traditional build style of cleanroom made the modular approach very attractive.

How did Connect 2 Cleanrooms help the client?

The 3D CAD drawing produced prior to sign off on the cleanroom helped TSC visualise the cleanroom, so they could see exactly how it suited their requirements. Due to the fully bespoke nature of Connect 2 Cleanrooms solutions, TSC were able to increase the height of their cleanroom to 3.2m to allow for their production machinery.

Cleanroom air conditioning units were built into the room for the purpose of comfort cooling. The integrated system gives the customer peace of mind that the air being produced by the A/C is working in synergy with the HEPA filtration.

The clear hardwall panels allow a high amount of natural light to filter into the cleanroom, it creates a light and open working environment for production staff. TSC's logo was manifested on the clear hardwall panels, giving them the opportunity to emphasise their brand to visitors.

The installation of the cleanroom followed the time schedule agreed and TSC were impressed it only took 4 days. The validation report was "very thorough" and gave TSC exactly what was needed to meet the regulatory requirements of the Medical Device Directive.

Did the client take advantage of Connect 2 Cleanrooms' consumables division cleanroomshop.com?

To furnish the cleanroom TSC bought stainless steel tables, chairs and anti fatigue mats from C2C's consumables & equipment division, cleanroomshop.com.

They were impressed with the quality of the stainless steel tables and cleanroomshop.com were able to deliver 18 bespoke tables within 2 weeks from the order date.

"I would be very happy to recommend Connect 2 Cleanrooms as I was impressed with their quality of service, build quality and performance.

"They have produced a nice and light environment for production staff to work in."

Our contact, Technical Service Consultants

For further information on any of our projects or to speak to us about your requirements, contact us today.

Call: +44(0)15242 74170

Email: info@connect2cleanrooms.com

Website: www.connect2cleanrooms.com

