



Critical Environment Solutions Ltd

***The total supply solution for your cleanroom or
critical environment***



A Company Introduction

Critical Environment Solutions Ltd is a privately owned company with over 20 years experience of supplying consumable products to the cleanroom market in the UK and Western Europe. CES have what is arguably the widest range of critical environment consumables, equipment and furniture from a single source in the UK. We are able to provide a total solution for all your critical requirements from the supply of products and equipment to personnel training, the design, build, validation and cleaning of most critical work places.

Serving Critical Environments to a Higher Standard

Our extensive product knowledge enables us to provide impartial advice on the selection of products and services to any industry concerned with controlling contamination within the manufacturing environment. This philosophy ensures that CES are able to offer its customers a comprehensive and cost effective supply solution.



Long Life Garments : Cleanroom Training : Disposable Apparel : Gloves : Face Masks : Wipes & Swabs :
Cleanroom Packing & Irradiation : Flooring : Stationery : Cleaning Equipment
Disinfection & Sterilisation : Hand Hygiene : Furniture & Filtration



Warehouse and Logistics



Operating from a dedicated 10,000 square foot warehouse facility located in Swindon, Wiltshire, CES Ltd.co.uk are able to provide first class logistics. This will usually mean that orders received for stocked product before 2.00pm can be dispatched for delivery the same working day. A more structured supply arrangement that may include consignment stock holding or stock merchandising can be arranged. Please contact our sales office for further information.

A Quality Accredited Supplier



CES Ltd recognise the importance of being able to demonstrate and provide reassurance that both it's consumable products and level of service meet and exceed the high expectations of its customers. CES therefore have achieved the ISO 9001:2008 quality accreditation. It is hoped that this certification provides evidence that the company does meet your quality requirements and through on-going review our quality measures are maintained to ensure they keep pace with changes within your business and the market place in general.

Single Source Supply

Single sourcing your cleanroom product requirement with CES, will allow for cost reductions through volume purchasing. CES will source and recommend the most appropriate cleanroom products for your manufacturing environment. This will help ensure that the products being consumed are not over specified for the job in hand. Where necessary CES can provide a bespoke product that is customised to your requirements.

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Long Life Cleanroom Garments

CES offer an extensive range of garments to suit the requirements of all industries which operate in cleanroom's or critical and controlled environments. We can provide coveralls, coats, hoods and overboots in a choice of styles and fabrics. All of our reusable cleanroom garments are launderable and manufactured from 100% polyester utilising cleanroom compatible components with a choice of closures. Where volume requirements allow, our core ranges can be tailored to suit your specific requirements and are generally available in the following colours – white, blue, navy blue and green. All cleanroom garments can be barcoded and labelled with the customers corporate logo. Cleanroom garments suitable for gamma irradiation can also be supplied in addition to a range of comfortable and breathable undergarments designed to be worn beneath cleanroom coveralls but equally adaptable as a two piece lightweight outer garment.



Cleanroom Training

CES has developed operator awareness training programs suitable for all industries concerned with contamination control. Our courses are professional, educational and enjoyable. The courses can be run to enhance the customers own programs or as a stand alone session competitively priced and provide excellent value per delegate.

Topics include :

- Types of Contamination - Gowning
- How people contaminate - Do's and don'ts
- Cleanroom Standards - Life without cleanrooms



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Disposable Apparel

The convenience of using disposable garments where launderable apparel is not suitable has long been recognised. Disposable coats and coveralls are especially suited for use by visitors and maintenance staff or where a fully integrated launderable garment service cannot be utilised. Our range includes the popular and widely used DuPont Tyvek and Proshield garments and accessories plus lower cost economy Polypropylene alternatives. The Kimberly Clark Kleenguard range can also be supplied. Most types can be supplied terminally sterilised for aseptic production use.



Gloves

CES offer an expansive range of cleanroom and critical environment gloves. The gloves are manufactured in a range of materials and can be supplied in either a sterile or non sterile format. CES are a preferred distributor for many of the worlds leading cleanroom glove manufacturers.

- Latex Gloves
- Nitrile Gloves
- Vinyl Gloves
- Sterile Gloves
- Non-Sterile Gloves
- Chemical Resistant Gloves
- Boxed Latex, Vinyl and Nitrile Gloves
- Fabric Gloves
- Glove Liners





Face Masks



Contamination from the mouth area provides an immense risk to products manufactured due to the high level of micro-organisms and ionic contaminants in saliva. Furthermore, facial hair and skin particles are also a problem when trying to control and minimise particulate counts. Face masks greatly reduce harmful contaminant levels and we offer a choice of styles which offer excellent filtration and different fastening methods to meet the technical demands of all controlled environments and wearer personal preferences.

Wipes & Swabs



A wiper is amongst the most critical of all the consumable products used within a controlled environment. It is therefore essential to select a wipe that meets all of the relevant criteria from the wide range available. Whilst many products may appear similar their intended use and product attributes are quite often diverse, we will be pleased to provide advice and assistance in the wiper selection process. Working with several major specialists our range of wipers are illustrated by product type. All manufacturers have products suited to most applications and classifications of cleanroom or controlled environment.

CES offer a range of swabs for the cleaning of awkward and sometimes delicate areas and equipment. Available in many lengths and head sizes to suit specific applications.



Cleanroom Packing & Irradiation

At our approved facility in Swindon, CES Ltd can carry out consumable repacking. Where the product is required for use in a clean, aseptic or critical environment, product is repacked within an ISO 5 batch controlled cleanroom. This service is tailored to customers who have a requirement for products in a 'non standard' configuration such as customised pack sizes, multiple bagging or visitor kits. Most products (subject to suitability) can be sterilised by gamma irradiation if required for use in aseptic environments and will be supported by a certificate of conformity and irradiation where applicable.



Flooring

Shoes and trolley wheels can be a major source of contamination in any environment. A "tacky" mat placed in front of critical areas will provide an excellent barrier and assist in preventing unwanted foot borne and wheel borne contamination from entering the room. Our range includes a wide choice of sizes and pack configurations and due to their low profile construction no frames are required for use. The adhesive on the floor side of the mat is stronger thus will not lift from the floor when contaminated layers are peeled off. Each layer has a numbered corner tab so that accidental removal of clean layers is avoided. Additional sizes, colours and mat configurations to those listed here are also available.



Long life flooring can also be supplied. The Dycem range of particle collecting flooring is designed to ensure that whatever your industry or environment that there is a solution to your contamination control needs.

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Stationery



For many years it has been recognised that conventional paper based products are among the major sources of particulate contamination in a cleanroom. Our range of stationery and documentation systems is designed to significantly reduce this risk. As well as paper and computer forms, notebooks and pens are also available and customer logos and customised designs can be pre-printed if required. .

Cleaning Equipment



The principal of cleaning a cleanroom or controlled area is quite straightforward however the criteria and methods applied can vary considerably from one application to another. The Micronova range of mops and accessories will help maintain a stringent level of cleanliness and the different mop designs and materials available will meet the demands of any industry or environment concerned with controlling contamination. The unique designs and flexibility of a Micronova system means that there will be a mop for cleaning any area and extended use will be achieved due to the robust construction and quality of materials used.

Each different mop style has been designed for specific cleaning tasks such as floors, walls, ceilings, for equipment or a combination of those. Once the preferred mop design has been chosen a decision should then be made on the most suitable fabric from those available.



Disinfection & Sterilisation

CES offer a range of sporicides, disinfectants, alcohols and cleaners. The range of liquids consists of various solutions to meet the cleaning and disinfection needs of clean and aseptic environments. Manufactured especially for cleanroom use in approved facilities the range is available in ready to use concentrate or unit dose formats. Full technical support, validation and test data can be provided. Material Safety Data Sheets (MSDS) and a certificate of analysis and irradiation (where applicable) are supplied with each lot.



Hand Hygiene

The CES range of Hand Care & Hygiene products, are designed to assist in the sanitising and cleansing of hands within controlled environments. The range includes anti-bacterial soaps, scrub solutions, moisturising solutions, barrier lotions, and alcohol gels.



Furniture

CES provide a range of the highest quality stainless steel furniture. Most furniture can be configured to fit the space and storage needs required within your cleanroom and changing areas.

The CES range of cleanroom seating provides for ergonomic function in addition to comfort whilst ensuring cleanroom specifications are maintained. The seating comes with a full range of options including ESD components, castors, brakes, HEPA filters and are all fully adjustable.



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Critical Environment Solutions Ltd

2276 Dunbeath Road

Elgin Industrial Estate

Swindon SN2 8EA

United Kingdom

Phone : +44 1793 364711

Fax : +44 1793 511994

E-mail: sales@cesltd.uk.com

www.cleanroomdirect.com