CLEANROOM GARMENT RENTAL



WORLD BEST PRACTICE

Micronclean India is offering a market-leading cleanroom garment rental and laundry service. The service incorporates world best practice in terms of

- Cleanroom garments manufactured from advanced imported cleanroom fabrics and with optimised garment designs, maximising barrier performance, durability and wearer comfort. Garments have assured performance throughout their useful life.
- A modern GMP Grade B cleanroom laundry with barrier washing machines, cleanroom dryers and terminal steam sterilisers. All processes are validated to give quality assurance and SCADA monitored in real time.
- Each garment is equipped with a radio frequency transponder. This, coupled with Micronclean's proprietary software (Protrack), allows Micronclean to track each individual garment. A complete garment history is assembled for each individual garment including customer details, processing history and batch data, repair history, as well as the last known location.

Key to our world-class service is the garment process cycle utilising our Protrack garment tracking software, which provides real-time tracking and records each garment's processing history.



- 01. Collection of Used Cleanroom Garments
- 02. Full Inspection
- 03. Validated repairs if required
- 04. Cleanroom Garments are decontaminated in an ISO GMP 5/Grade B facility
- 05. Terminal Sterilisation by autoclave
- 06. Scanned out and transport to your site
- 07. Ready for you to use

The entire process helps you be Annex 1/MHRA/FDA compliant.



WORLD BEST PRACTICE

CUSTOMER GARMENT PORTAL

At Micronclean we firmly believe in changing the markets we serve and as such we have designed, developed and deployed a world class customer portal. This allows you to see clearly all your garment information in one place including overall usage data and individual garment histories alongside financial data such as invoices. The customer portal coupled with our garment processing technology, unrivalled customer service and our range of garment contracts detailed below puts you in charge of your garments.

TYPES OF GARMENT CONTRACT

The following contract type explanations are not exhaustive so we will work alongside you to deliver the best contract options. In many cases a one size fits all option does not work and we have the option to offer several contract types over a single customer site to ensure that you have the optimum solution for your needs.

FULL RENTAL		
Typical Use Stable workforce	•	Advantages Known and predictable costs. Ongoing repairs included as specified in the contract. Easy replacement as specified in the contract. Fully managed by Micronclean. Contract visibility through customer portal.
SPLIT RENTAL		
Typical Use Workforce with seasonal peaks. People who visit the shop floor occasionally.	0	Advantages Lower fixed cost. Repairs included in cost to agreed specification. Replacement to agreed quality standard. Managed by Micronclean. Contract visibility through customer portal.
PROCESS ONLY		
Typical Use Only applicable when you own your own workwear.	•	Advantages Pay only for garments that are processed. Contract visibility through customer portal.
OTHER CHARGING OPTIONS		
SHELF RENTAL		
Typical Use To help manage garment usage during fluctuating periods over the contract term.		Advantages Reduced rental charge to allow for non-processing of garments. Contract visibility through customer portal.
DIRECT SALE		
Typical Use Sporadic Usage	0	Advantages One off charge for capital outlay of garments.

DEMAND EXCELLENCE FROM YOUR CLEANROOM GARMENT SUPPLY PARTNER

Micronclean India has established a state-of-the art cleanroom laundry in Bangalore. The plant is a first in India in that it has been specifically designed to process and deliver high quality, sterile ready for use cleanroom garments to support the Indian Pharma/Biotech industry.

The key features of the Bangalore facility, our garments and our rental contract are shown below:

Garment Processing Benefits	Micronclean Cleanroom Laundry	Other Commercial Laundry	On Premise Laundry	Customer Benefits
Cleanroom garments delivered sterile and ready for use	•	•	•	Ready to use garments with no requirement for further processing
Garment processing fully compatible with the requirements of Annex 1 (or similar regulatory standards)	•	٠	•	Accurate tracking of garment life and corresponding performance
Cleanroom Garments processed and packed in GMP Grade B Cleanrooms	•	•	•	Guaranteed garment sterility and quality
Full garment tracking through RFID tags recoded with process logs in Micronclean's own PROTRACK software	•	•	٠	Complete traceability and data integrity
Full SCADA for parametric batch release	•	•	•	Batch certification for customer records and regulatory compliance, Absolute data integrity
Verified garment life and in-service performace	•	•	٠	Customer peace of mind
Verified process performance and microbiological control through on-site	•	•	•	Guaranteed garment sterility and quality
laboratory				
laboratory Contract Benefits	Micronclean Cleanroom Laundry	Other Commercial Laundry	On Premise Laundry	Customer Benefits
Contract Benefits	Cleanroom	Commercial		Customer Benefits No capiatal costs for new garments
Contract Benefits World Class Garment Rental Model	Cleanroom	Commercial		
Contract Benefits World Class Garment Rental Model Easy Access to Online Garment portal	Cleanroom	Commercial		No capiatal costs for new garments
Contract Benefits World Class Garment Rental Model Easy Access to Online Garment portal Known and Predictable Costs	Cleanroom	Commercial		No capiatal costs for new garments Free flowing exchange of information
	Cleanroom	Commercial		No capiatal costs for new garments Free flowing exchange of information No hidden costs or unexplained charges. Validated repairs performed to an agreed

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