Product Sampler

Laminar Flow Hood / Clean Bench

CLEATECH LLC.

Critical Laboratory solutions

Manufacture of a complete line of Stainless Steel and Plastic Products for Cleanroom and Labs

- Hoods and Laminar Flow Workstation
- Desiccator, Low-Humidity storage cabinets
- Glove Box Systems
- Laboratory Fume hoods
- Cleanroom and Laboratory Furnitures

CLEATECH®
Cleanroom & Laboratory Solutions

Table of Contents

2	Vertical Laminar Flow Clean Bench, Steel Frame
2	Vertical Laminar Flow Clean Bench, Economical
3	Vertical Laminar Flow Workstations, Free-standing
3	Vertical Laminar Flow Hoods, portable
4	Horizontal Laminar Flow Clean Benches
5	Laminar Flow Glove Box
5	Laminar Airflow Storage Cabinets
6	Cleanroom Tables, Solid & Perforated Top
7	Chairs & Stool- Lab, Cleanroom & Industrial
8	Useful Resources and Links

Cleatech creates custom solutions for application-specific manufacturing challenges, quickly and economically. Our products are extensively tested and meet all major standards. All designs and technologies are developed on-site by our dedicated R&D division. In addition to working with laboratories, we also work hard to make Cleatech a dynamically diverse workplace.

If you have a specific environmental or contamination control need, please contact us or visit our website www.cleatech.com

CLEATECH manufactures standard and custom-made lab & clean room equipment. We are built on a tradition of innovation, performance, efficiency and durability. Our laboratory products incorporate smart technology that's clean, safe AND affordable.

Vertical Laminar Flow Workstation, Recirculating, Optional Worksurface

Provides HEPA filtered airflow across the work area that protects the sample from airborne contamination. Back plenum reduces the percentage of dirty air passed through the filter. Available with ESD control option such as ionizing bar and static dissipative material. Worksurface is optional, the clean bench can be ordered with bottom open frame so it can be placed on worktable.

Features:
Work area Dimensions: 34", 46", 71" or 95" W x 27.5"D x 29"H
Optional Worksurface (Polypropylene or Stainless Steel)
Consists of an integrated Fan Filter module 90 fpm air velocity
Filter Replacement Indicator
Build-in LED Light
Tilt-up Clear PVC Sash
Meet ISO5 Class 100 cleanliness requirements

SKU	Description	Material	Dimensions
1000-2-A	3 feet Vertical Laminar Flow Hood	Steel/ Polypropylene	37.5"x30"x45"
1000-2-B	4 feet Vertical Laminar Flow Hood	Steel/ Polypropylene	49.5"x30"x45"
1000-2-C	6 feet Vertical Laminar Flow Hood	Steel/ Polypropylene	75" x30"x 45"
1000-2-D	8 feet Vertical Laminar Flow Hood	Steel/ Polypropylene	99" x30"x 45"

Accessories:
• Stainless Steel or Polypropylene Worksurface • HEPA Filter 99.99% @ .3µm particles • ULPA Filter 99.999% @ .12µm particles • Static Dissipative PVC sash & Windows • Dual Power Outlet • Stand with Caster, epoxy powder coated steel 30" and 35" Height •UV-C Sanitation light w/ Manual Switch • Ionizing bar

Economical Vertical Laminar Flow Workstation with Worksurface

Economical laminar flow cabinet with clean, simple, low-maintenance design is a work bench with class 100 / ISO5 environment can be used in assembly, testing and inspection procedures that require a continuous flow of ultra clean air. They feature 99.99% efficient HEPA or 99.999% efficient ULPA fan / filter modules that remove particulate airborne contamination.

Features:
Work area Dimensions: 36", 48"W x 29.5"Dx34"H
Attached Polypropylene Worksurface
Integrated Fan Filter module with low noise & watt fan.
Tilt-up Clear PVC Sash
Meet ISO5 Class 100 cleanliness requirements

SKU	Description	Material	Dimensions
1000-6-A	3 feet Vertical Laminar Flow Hood	Polypropylene, PVC	51"x31"x82"
1000-6-B	4 feet Vertical Laminar Flow Hood	Polypropylene, PVC	63"x31"x82"

Accessories:
• HEPA Filter 99.99% @ .3µm particles • ULPA Filter 99.999% @ .12µm particles • Static Dissipative PVC sash & Windows • Power Outlet Strip • Stand with Caster, epoxy powder coated steel 30" and 35" Height •UV-C Sanitation light w/ Manual Switch • Ionizing bar

Vertical Laminar Flow Workstation, Free-Standing

Free-Standing Vertical Laminar Flow Hoods can be used with any standard workbench. Fan system is isolated from the work area making it ideal for vibration-free applications such as a microscope. They meet ISO 5 (Class 100) Cleanroom requirement, providing a clean environment ideal for the pharmaceutical, medical, food and industrial sectors for sterile manipulations, electronics, assembly of miniature mechanisms or any other application where clean conditions are required

Features:
Work Space Dimensions: 37", 49", 73" or 97" W x 31"D x 70"H
Consists of an integrated Fan Filter module 90 fpm air velocity
Filter Replacement Indicator
Build-in LED Light
Tilt-up Clear PVC Sash
Meet ISO5 Class 100 cleanliness requirements

SKU	Description	Material	Dimensions
1000-2-E	3 feet Vertical Laminar Flow Hood	Steel/ Polypropylene	40.5"x33"x83"
1000-2-F	4 feet Vertical Laminar Flow Hood	Steel/ Polypropylene	52.5"x33"x83"
1000-2-G	6 feet Vertical Laminar Flow Hood	Steel/ Polypropylene	76.5"x33"x83"
1000-2-H	8 feet Vertical Laminar Flow Hood	Steel/ Polypropylene	100.5"x33"x83"

Accessories:
• HEPA Filter 99.99% @ .3µm particles • ULPA Filter 99.999% @ .12µm particles • Static Dissipative PVC sash & Windows • Dual Power Outlet • Stand with Caster, epoxy powder coated steel 3" and 35" Height •UV-C Sanitation light w/ Manual Switch • Ionizing bar • Stainless Steel or Polypropylene Worksurface

Portable Vertical Laminar Flow Hoods

Portable Vertical Laminar Flow Hoods with adjustable blower speed feature HEPA or ULPA fan that remove particulate airborne contamination to meet class 100 cleanliness requirements.

Features:
Work Space Dimensions 24" Hoods: 24.5"W x 18"D x 19.75"H
Work Space Dimensions 32" Hoods: 31.5"W x 21.75"D x 23.75"H
Adjustable speed motorized Impeller, Backward Curve
Includes a tilt-up sash that increases air speed by restricting the air flow

SKU	Description	Wall Material	Dimensions
1000-7-E	24" Width Portable Laminar Hood	White Polypropylene	25"x18.5"x30.5"
1000-7-A	32" Width Portable Laminar Hood	White Polypropylene	32"x22"x34.25"
1000-7-F	24" Width Portable Laminar Hood	Clear Acrylic	25"x18.5"x30.5"
1000-7-B	32" Width Portable Laminar Hood	Clear Acrylic	32"x22"x34.25"
1000-7-H	24" Width Portable Laminar Hood	Static Dissipative PVC	25"x18.5"x30.5"
1000-7-D	32" Width Portable Laminar Hood	Static Dissipative PVC	32"x22"x34.25"

Accessories:
•HEPA Filter 99.97% • ULPA Filter 99.997% •Power Strip •Air velocity Meter • Fluorescent Light
•Magnehelic Gage (to monitor filter saturation) •Stand Powder Coated Steel, 30" and 35" Height

Horizontal Laminar Air Flow Workstation _Attached Worksurface

Horizontal laminar flow hoods with rear wall filtration, Constructed from all seamless polypropylene. Since air blows directly toward operator, hands and gloves are less contaminating the samples. Great choice for applications that require an ISO 5 environment such as IV preparation, non-biological tissue culturing, Electronic assembly, non-hazardous drug compounding, parts inspection or optics assembly.

Features:

Interior Dimensions: 34", 46", 70" x 22"D x 26.75"H
Consists of an integrated Fan Filter module 90 fpm air velocity
Filter Replacement Indicator
Build-in LED Light

SKU	Description	Material	Dimensions
1000-11-E	3 ft. Laminar Hood without Stand	Polypropylene	40"x36"x32.25"
1000-11-F	3 ft. Laminar Hood with Stand	Steel/ Polypropylene	40"x36"x62.25"
1000-11-A	4 ft. Laminar Hood without Stand	Polypropylene	52"x36"x32.25"
1000-11-B	4 ft. Laminar Hood with Stand	Steel/ Polypropylene	52"x36"x62.25"
1000-11-C	6 ft. Laminar Hood without Stand	Polypropylene	76"x36"x32.25"
1000-11-D	6 ft. Laminar Hood with Stand	Steel/ Polypropylene	76"x36"x62.25"

Accessories:

• HEPA Filter 99.99% @ .3µm particles • ULPA Filter 99.999% @ .12µm particles • Front Sash • Side-by-Side Clear Door (3' and 4' models) • Dual Power Outlet • Stand with Caster, epoxy powder coated steel 3' and 35" Height •UV-C Sanitation light w/ Manual Switch • Ionizing bar • Stainless Steel Worksurface

Horizontal Laminar Flow Hood – Free Standing with Optional Worksurface

Free-Standing Laminar Flow station with optional worksurface, featuring low noise integral HEPA filter/blower modules. They can be ordered with attached stainless steel worksurface or they can be use with any standard size cleanroom table. In such configuration, fan system is isolated from the work area making it ideal for vibration-free applications such as a microscope and precision balances.

Features:

Removable Epoxy powder coated steel frame (Also Available in Stainless Steel)
Side panels choices: Clear PVC, Static Dissipatiove PVC and Stainless Steel
Optional Worksurface or isolated worktables
Consists of a Certified Fan Filter module. Low sound and low watts
HEPA Filter 99.99% @ 0.3 µm or ULPA FFUs, 99.999% @ 0.12µm
Build-in LED Light

SKU	Description	Body/Door Material	Dimensions
1000-9-A	3 ft. Horizontal Flow Hood	Steel / Polypropylene	40"x 45" x 60"
1000-9-B	4 ft. Horizontal Flow Hood	Steel / Polypropylene	52"x 45" x 60"
1000-9-C	6 ft. Horizontal Flow Hood	Steel / Polypropylene	76"x 45" x 60"
1000-9-D	8 ft. Horizontal Flow Hood	Steel / Polypropylene	94"x 45" x 60"

Accessories:

• HEPA Filter 99.99% @ .3µm particles • ULPA Filter 99.999% @ .12µm particles • Power Strip • Stainless Steel frame •UV-C Sanitation light w/ Manual Switch • Ionizing bar • Stainless Steel Worksurface

Laminar Flow Glove Box

Positive Pressure Compounding Aseptic Isolators CAI, 2600 series are designed to provide a sterile positive pressure environment for the compounding of non-hazardous drugs. HEPA filtered unidirectional air flow supply within both the work zone and antechamber areas to assure ISO Class 5 conditions and sterility and minimizing cross contamination.

Features:

Main chamber Interior space 3ft : 24.25”W x 28.5”D x 30”H
Main chamber Interior space 4ft : 36.25”W x 28.5”D x 30”H
Antechamber Interior: 14.75” W x 28.5”D x 30”H
Transparent AR Polycarbonate front windows
Two 8” OD glove ports for standard dry box gloves with 8” cuff size.
HEPA Filter 99.99% at .3 µm or ULPA Filter 99.999% at .12 µm.
Fluorescent or LED light.
Magnehelic gauges monitor the internal positive pressure
Air Flow: 650 4-Feet Model; 480 3-Feet Model
Stainless steel rod, including S-shaped IV hooks
Test Ports to test and certify the internal pressure and the differential pressure of main and antechamber
Removable Sliding door between two chambers

SKU	Description	Material	Dimensions
2600-2-A	3 Feet Compounding Aseptic Isolators	Polypropylene	40”x30”x44”
2600-2-B	4 Feet Compounding Aseptic Isolators	Polypropylene	52”x30”x44”

Note: *Also, available with supporting stand 30” and 35” Height*

Laminar Airflow Storage Cabinets

Cleatech Laminar Flow Storage Cabinets with a low noise integral HEPA filter/blower module feature full-height access doors provide a clean environment for storage of material. They provide a positive pressure particle free storage space which exceed class 100 cleanrooms standard.

Features:

Polypropylene body & 12" Height epoxy powder coated steel Stand
Full-height access doors in choice of Acrylic, Static Dissipative PVC
Removable shelves with perforated holes allow air distribution
Consists of a Certified Fan Filter module. Low sound and low watts
HEPA Filter 99.99% @ 0.3 µm or ULPA FFUs, 99.999% @ 0.12µm

SKU	Description	Body/Door Material	Dimensions
1000-4-D	2 ft. Cabinet with Clear Acrylic Door	Polypro. / Acrylic	25”x26.5”x70”
1000-4-E	2 ft. Cabinet with Amber Acrylic Door	Poly. /Amber Acrylic	25”x26.5”x70”
1000-4-F	2 ft. Cabinet with ESD PVC Door	Polypro. / ESD PVC	25”x26.5”x70”
1000-4-A	4 ft. Cabinet with Clear Acrylic Door	Polypro. / Acrylic	49”x26.5”x70”
1000-4-B	4 ft. Cabinet with Amber Acrylic Door	Poly. /Amber Acrylic	49”x26.5”x70”
1000-4-C	4 ft. Cabinet with ESD PVC Door	Polypro. / ESD PVC	49”x26.5”x70”

Accessories:

• Casters for large capacity cabinets enhanced mobility. (two out of four with brake) • Filter Replacement Indicator gauge (0 – 1 Water Column)

Cleanroom Tables, Solid or Perforated Worktables

Heavy gauge type 304 all stainless-steel construction Cleanroom tables, 14 gauge Worksurface. Alcohol-wiped and cleanroom bagged. 1 1/2" diameter, rolled down edges at front and rear. Ends turned down 90° at 1 1/2" providing for flush installations when required. Available in Solid and Perforated types.

14 Gauge 304 Grade Cleanroom Stainless Steel Tables Perforated top; allow a minimum 40% laminar flow

24" Width Cleanroom Tables	Brushed Stainless Steel 14/304	Electropolished Stainless Steel 14/304	No. Of Legs
24" x 36"	CRPT2436T	EPCRT2436T	4
24" x 48"	CRPT2448T	EPCRT2448T	4
24" x 60"	CRPT2460T	EPCRT2460T	4
24" x 72"	CRPT2472T	EPCRT2472T	4
24" x 84"	CRPT2484T	EPCRT2484T	4
24" x 96"	CRPT2496T	EPCRT2496T	4
30" Width Cleanroom Tables	**Brushed Stainless Steel 14/304**	**Electropolished Stainless Steel 14/304**	**No. Of Legs**
30" x 36"	CRPT3036T	EPCRT3036T	4
30" x 48"	CRPT3048T	EPCRT3048T	4
30" x 60"	CRPT3060T	EPCRT3060T	4
30" x 72"	CRPT3072T	EPCRT3072T	4
30" x 84"	CRPT3084T	EPCRT3084T	4
30" x 96"	CRPT3096T	EPCRT3096T	4
36" Width Cleanroom Tables	**Brushed Stainless Steel 14/304**	**Electropolished Stainless Steel 14/304**	**No. Of Legs**
36" x 36"	CRPT3636T	EPCRT3636T	4
36" x 48"	CRPT3648T	EPCRT3648T	4
36" x 60"	CRPT3660T	EPCRT3660T	4
36" x 72"	CRPT3672T	EPCRT3672T	4
36" x 84"	CRPT3684T	EPCRT3684T	4
36" x 96"	CRPT3696T	EPCRT3696T	4

14 Gauge 304 Grade Cleanroom Stainless Steel Tables Solid top

24" Width Cleanroom Tables	Brushed Stainless Steel 14/304	Electropolished Stainless Steel 14/304	No. Of Legs
24" x 36"	CRT2436T	SEP2436T	4
24" x 48"	CRT2448T	SEP2448T	4
24" x 60"	CRT2460T	SEP2460T	4
24" x 72"	CRT2472T	SEP2472T	4
24" x 84"	CRT2484T	SEP2484T	4
24" x 96"	CRT2496T	SEP2496T	4
30" Width Cleanroom Tables	**Brushed Stainless Steel 14/304**	**Electropolished Stainless Steel 14/304**	**No. Of Legs**
30" x 36"	CRT3036T	SEP3036T	4
30" x 48"	CRT3048T	SEP3048T	4
30" x 60"	CRT3060T	SEP3060T	4
30" x 72"	CRT3072T	SEP3072T	4
30" x 84"	CRT3084T	SEP3084T	4
30" x 96"	CRT3096T	SEP3096T	4
36" Width Cleanroom Tables	**Brushed Stainless Steel 14/304**	**Electropolished Stainless Steel 14/304**	**No. Of Legs**
36" x 36"	CRT3636T	SEP3636T	4
36" x 48"	CRT3648T	SEP3648T	4
36" x 60"	CRT3660T	SEP3660T	4
36" x 72"	CRT3672T	SEP3672T	4
36" x 84"	CRT3684T	SEP3684T	4
36" x 96"	CRT3696T	SEP3696T	4

Chairs and Stools – Lab, Cleanroom and Industrial

Chairs and stools we offer are engineered for quality and durability. The wide selection of seating to meet your need in different work environments from healthcare, laboratory, cleanroom to office, education and industrial and high-tech static controlled production deliver comfort and quality. Most seating products come with a 13-year warranty.

Cleanroom & ESD Chairs
Ergonomic chairs with static control package / ESD upholstery. They are cleanroom rated from ISO class 6 to 3 (Class 1, 100 and 1000).

Seat Height	Cast Aluminum	Wide Aluminum	Tubular Steel	Reinforced Composite
17"-22"	BTA-L-RK	BTW-L-RK	BTS-L-RK	BTR-L-RK
19"-26"	BTA-M-RK	BTW-M-RK	BTS-M-RK	BTR-M-RK
22"-32"	BTA-H-RK	BTW-H-RK	BTS-H-RK	BTR-H-RK

BT Series: *Backrest 14.5"w x 9.5"h* ***-EE Series:*** *Backrest 15.5"w x 14.5"h*

Cleanroom Chairs
They feature filtration system and Vinyl seat under-wrap. Chrome plated metal parts exceed the critical cleanliness requirements of today's cleanrooms.

Seat Height	Cast Aluminum	Wide Aluminum	Tubular Steel	Reinforced Composite
17"-22"	BTA-L-RC-C	BTW-L-RC-C	BTS-L-RC-C	BTR-L-RC-C
19"-26"	BTA-M-RC-C	BTW-M-RC-C	BTS-M-RC-C	BTR-M-RC-C
22"-32"	BTA-H-RC-C	BTW-H-RC-C	BTS-H-RC-C	BTR-H-RC-C

BT Series: *Backrest 14.5"w x 9.5"h* ***-EE Series:*** *Backrest 15.5"w x 14.5"h*

ESD Chairs
Ergonomic chairs include static control package / Conductive vinyl or Static dissipative fabric upholstery, Drag chain. Different base to meet varied applications.

Seat Height	Cast Aluminum	Wide Aluminum	Tubular Steel	Reinforced Composite
17"-22"	BTA-L-RK-K	BTW-L-RK-K	BTS-L-RK-K	BTR-L-RK-K
19"-26"	BTA-M-RK-K	BTW-M-RK-K	BTS-M-RK-K	BTR-M-RK-K
22"-32"	BTA-H-RK-K	BTW-H-RK-K	BTS-H-RK-K	BTR-H-RK-K

BT Series: *Backrest 14.5"w x 9.5"h* ***-EE Series:*** *Backrest 15.5"w x 14.5"h*

Cleanroom ESD Stools
Stools top performance in a wide variety of environments including: education, laboratory, clean room, static control and healthcare. Feature an 18-guage steel seat.

Seat Height	Cast Aluminum	Wide Aluminum	Tubular Steel	Reinforced Composite
14"-19"	TXA-L-RK	TXW-L-RK	TXS-L-RK	TXR-L-RK
16"-25"	TXA-M-RK	TXW-M-RK	TXS-M-RK	TXR-M-RK
19"-29"	TXA-H-RK	TXW-H-RK	TXS-H-RK	TXR-H-RK

Round 13" diameter seat. Add to the code: -C: Chrome Finish, -K" ESD Package, -CR10: Cleanroom Package, -CR10-K: Cleanroom/ESD Package

Industrial & Lab Chairs
Available with variety color of grade 2 fabric. Select options like seats, backrests, armrests, casters and glides, footring.

Seat Height	Cast Aluminum	Wide Aluminum	Tubular Steel	Reinforced Composite
17"-22"	BTA-L-RC	BTW-L-RC	BTS-L-RC	BTR-L-RC
19"-26"	BTA-M-RC	BTW-M-RC	BTS-M-RC	BTR-M-RC
22"-32"	BTA-H-RC	BTW-H-RC	BTS-H-RC	BTR-H-RC

BT Series: *Backrest 14.5"w x 9.5"h* ***-EE Series:*** *Backrest 15.5"w x 14.5"h*

Laboratory Stools
Vacuum Formed Laboratory Stools. Round upholstered seats are standard. Options include footrings, paint finishes, casters and glides.

Seat Height	Cast Aluminum	Wide Aluminum	Tubular Steel	Reinforced Composite
17"-22"	RXA-L-RC-VF	RXW-L-RC-VF	RXS-L-RC-VF	RXR-L-RC-VF
19"-28"	RXA-M-RC-VF	RXW-M-RC-VF	RXS-M-RC-VF	RXR-M-RC-VF
22"-32"	RXA-H-RC-VF	RXW-H-RC-VF	RXS-H-RC-VF	RXR-H-RC-VF

Round 16" diameter seating with 3.5" of high-resilience molded foam cushioning, also available in non-Vacuum upholstery (Remove -VF from SKU)

Useful Resources and Links

www.Cleatech.com

Visit CLEATECH corporate's website that has a nice variety display of lab products, thus serving as an official portal to our other websites with product info. By using the most advanced search features, you'd be able to find and narrow down your queries much better. Easily request a quote or contact us directly about your lab tech needs.

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Follow Cleatech on twitter if you're a fan of science, research, discoveries, new tech, clean/green lab technology, eco-friendly products and methods as well as latest news and biggest announcements in the community. There, you can also find some useful facts, tips/advice and quotes. Our twitter encompasses even a BIGGER scientific community.

www.Cleatech.com/Blog

Our official company Sci-tech blog where you can read up on all kinds of interesting stuff dealing with science or clean /lab technology. Other topics of interests are biotechnology, nanotechnology, innovation, research, info-tech, aerospace, green/new tech, health and life science, medicine, aero-space, geology, psychology/neurology and pathology…

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Cleanroom & Laboratory Solutions

Desiccator, Laminar Flow Workstation, Glove Box, Exhaust Hood, Biological Safety Cabinet, Incubator, Laboratory Oven, Hot Plate, Shaker, Autoclave, Muffle Furnace, Refrigerator and Freezer, Acid and Corrosive Transport Cart, Cleanroom and Gowning Room Furniture, Cleanroom and Laboratory Chair and Stool, Workbench and many more.

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