



**Protection, safety, reliability.
And more.**



LAMINAR FLOW CABINETS
AND SYSTEMS

Protection, safety, reliability. And more.

WHAT OUR
MOTTO MEANS

New technologies for a low environmental impact.

Fully aware that our choices of today will determine and shape our fates tomorrow, our company - FASTER S.r.l. - is convinced that technology must protect the environment to ensure a continuing sustainable progress.

The new ECS[®] microprocessor employs the latest innovative methods of integrated management of all the principal functions of ventilation and filtration - self-regulating all the main filtration and ventilation system- components - compensating for declining pressure drops and restoring power balance. Combining the use of AC motor-blowers and certified low pressure-drop filters, the new ECS controlling system optimize power consumption, reducing CO₂ emissions into the environment.



Absolute safety for the operator. Always.

Manufacturing truly “safe” cabinets depend entirely on the quality of their design and the quality of their components. Aware of the fact that our guarantees for safety do not tolerate any compromises, our company have instituted our own internal FASTER QUALITY AND SAFETY PROGRAM - consisting of a new set of standard operational procedures and constructive methodologies - applied to each and every step of the production processes aimed at fulfilling all requirements of these high standards.





DASITGROUP



LAMINAR FLOW CABINETS AND SYSTEMS

FASTER S.R.L., BASED IN ITALY SINCE 1984, HAS BECOME IN 30 YEARS ONE OF THE LEADING EUROPEAN MANUFACTURERS OF L.A.F. TECHNOLOGY AND INSTRUMENTATION.

FASTER'S COMMERCIAL, MARKETING AND ENGINEERING OFFICES ARE LOCATED IN CORNAREDO (MILAN), WHILST THEIR FACTORY AND WORKFORCE IN FERRARA REACHED A PRODUCTION CAPACITY OF OVER 2000 LAF CABINETS PER YEAR.

OUR UNITS ARE DESIGNED TO MEET THE REQUIREMENTS OF THE LATEST EN-12469:2000 EUROPEAN STANDARD AND CERTIFIED BY TOP NOTIFIED BODIES AS TUV GERMANY AND LNE FRANCE.

Laboratory airflow cabinets vertical, horizontal, microbiological safety cabinets and cytotoxic drug safety cabinets.

Laboratory fume cupboards re-circulating chemical cabinets.

Industrial laminar airflow systems vertical laminar airflow modules, powder containment systems, decontamination chambers, H₂O₂ sterilizing pass through box, isolators, glove-boxes.

some numbers...

OVER 20.000

CABINETS SOLD IN THE WORLD SINCE 1984

OVER 20

DIFFERENT MODELS AVAILABLE

OVER 50

DISTRIBUTING COUNTRIES IN THE WORLD

SafeFAST Premium

microbiological safety cabinet



CLASS	MICRO-BIOLOGICAL SAFETY CABINETS	STANDARD	WIDTH (m)
II		ISO 14644-1 EN 12469	0.9 1.2 1.5 1.8

SafeFAST Premium Microbiological Safety Cabinets are the new benchmark in laminar airflow technology belonging to the latest generation of biohazard cabinets manufactured by Faster. SafeFAST Premium is a jump into the future beyond the strictest safety standards.

The unit delivers the best performances in the market in terms of **low power consumption, noise level and CO₂ emissions**.

SafeFAST Premium Microbiological Safety Cabinets are designed and built to perform requirements of the EN 12469:2000 European Standard, with 70% of the air re-circulated via the main Class H14 HEPA/ULPA filter within the cabinet, whilst the remaining 30% is discharged through an exhaust Class H14 HEPA/ULPA filter.

Applications: SafeFAST Premium Class II Microbiological Safety Cabinet has been adopted worldwide for product, personnel and environmental protection while handling harmful agents pathogenic to human beings and/or animals as defined in the appropriate international standards, in a wide range of disciplines and applications such as: Microbiology, Virology, Haematology, Cell culture, Genetics, Handling of hazardous agents to human beings or animals.

SafeFAST Elite

microbiological safety cabinet



CLASS	MICRO-BIOLOGICAL SAFETY CABINETS	STANDARD	WIDTH (m)
II		ISO 14644-1 EN 12469	0.9 1.2 1.5 1.8

SafeFAST Elite Microbiological Safety Cabinets belong to the latest generation of laminar airflow systems manufactured by Faster, in which the choice of materials of construction of the **highest quality** guarantees conformity to the strictest safety standards.

SafeFAST Elite Microbiological Safety Cabinets are designed and built to perform requirements of the EN 12469:2000 European Standard, with 70% of the air re-circulated via the main Class H14 HEPA/ULPA filter within the cabinet, whilst the remaining 30% is discharged through an exhaust Class H14 HEPA/ULPA filter.

Unit available upon request in Class I and Class III according to EN 12469.

Applications: SafeFAST Elite Class II Microbiological Safety Cabinet has been adopted worldwide for product, personnel and environmental protection while handling harmful agents pathogenic to human beings and/or animals as defined in the appropriate international standards, in a wide range of disciplines and applications such as: Microbiology, Virology, Haematology, Cell culture, Genetics, Handling of hazardous agents to human beings or animals.

SafeFAST Top

microbiological safety cabinet



CLASS	MICRO-BIOLOGICAL SAFETY CABINETS	STANDARD	WIDTH (m)
II		ISO 14644-1 EN 12469	0.9 1.2 1.5 1.8

SafeFAST Top Microbiological Safety Cabinets belong to the latest generation of laminar air-flow systems manufactured by Faster, in which the choice of materials of construction of the highest quality guarantees conformity to the strictest safety standards.

One piece stainless steel working chamber, assures the **highest rate of cleanability** - SafeFAST Top Microbiological Safety Cabinets are designed and built to perform requirements of the EN12469:2000 European Standard, with 70% of the air re-circulated via the main Class H14 HEPA/ULPA filter within the cabinet, whilst the remaining 30% is discharged through an exhaust Class H14 HEPA/ULPA filter.

Unit available upon request in Class I and Class III according to EN 12469.

Applications: SafeFAST Top Class II Microbiological Safety Cabinet has been adopted worldwide for product, personnel and environmental protection while handling harmful agents pathogenic to human beings and/or animals as defined in the appropriate international standards, in a wide range of disciplines and applications such as: Microbiology, Virology, Haematology, Cell culture, Genetics, Handling of hazardous agents to human beings or animals.

SafeFAST Classic

microbiological safety cabinet



CLASS	MICRO-BIOLOGICAL SAFETY CABINETS	STANDARD	WIDTH (m)
II		ISO 14644-1 EN 12469	0.9 1.2 1.5 1.8

SafeFAST Classic cabinets, currently surpass most known "**value-for-money**" Microbiological Safety Cabinets in the market.

SafeFAST Classic Microbiological Safety Cabinets are designed and built to perform to requirements of EN 12469:2000 European Standard, with 70% of the air re-circulated via the main Class H14 HEPA/ULPA filter within the cabinet, whilst the remaining 30% is discharged through the exhaust Class H14 HEPA/ULPA filter.

Applications: SafeFAST Classic Class II Microbiological Safety Cabinet has been adopted worldwide for product, personnel and environmental protection while handling harmful agents pathogenic to human beings and/or animals as defined in the appropriate international standards, in a wide range of disciplines and applications such as: Microbiology, Virology, Haematology, Cell culture, Genetics, Handling of hazardous agents to human beings or animals.

SafeFAST Light

microbiological safety cabinet

CLASS II	MICRO-BIOLOGICAL SAFETY CABINETS	STANDARD ISO 14644-1 EN 12469	WIDTH (m) 0.7
-------------	----------------------------------	-------------------------------------	------------------



SafeFAST Light Microbiological Safety Cabinet belongs to the latest generation of laminar air-flow systems manufactured by Faster, and with its 732 mm useful width **is the smallest biohazard cabinet available in the market**. A higher grade of luminosity and visibility is achieved at work surface height thanks to big side and frontal screens. The choice of materials of the highest quality guarantees conformity to the strictest safety standards.

SafeFAST Light Microbiological Safety Cabinet is designed and built to perform requirements of the EN12469:2000 European Standard, with 70% of the air re-circulated via the main Class H14 HEPA/ULPA filter within the cabinet, whilst the remaining 30% is discharged through an exhaust Class H14 HEPA/ULPA filter.

Applications: SafeFAST Light Class II Microbiological Safety Cabinet has been adopted worldwide for product, personnel and environmental protection while handling harmful agents pathogenic to human beings and/or animals as defined in the appropriate international standards, in a wide range of disciplines and applications such as: Microbiology, Virology, Haematology, Cell culture, Genetics, Handling of hazardous agents to human beings or animals.

CytoFAST Elite CytoFAST Top

cytotoxic safety cabinet

CLASS II	CYTOTOXIC SAFETY CABINETS	STANDARDS ISO 14644-1 EN 12469 DIN 12980	WIDTH (m) 0.9 1.2 1.5 1.8
-------------	---------------------------	---	---------------------------------



The CytoFAST Elite/Top cabinet has been designed to protect both the material to be manipulated **from contamination and to protect the operator and the environment from cytotoxic contamination and harmful agents**.

CytoFAST Elite/Top have been manufactured according to EN 12469:2000 and DIN 12980:2005 standards, with about 70% laminar flow recirculated air and 30% exhausted air with prior HEPA/ULPA filtering.

Third bank of class H14 HEPA/ULPA filters with easy and safe replace system is positioned beneath work surface. Built for handling cytotoxic drugs, CytoFAST Elite/Top are also suitable for product, personnel and environment protection while handling harmful agents pathogenic to human beings and/or animals as defined in the appropriate international standards.

Applications: CytoFAST Elite cabinet is especially suitable for applications such as: preparation and handling of cytotoxic drugs, presence of agents likely to cause genetic alterations or synergetic activities with other materials. Since CytoFAST Elite cabinets meet also EN12469:2000 as for Class II Microbiological Safety Cabinets, they can be used also for: Microbiology, Virology, Haematology, Cell culture, Recombinant DNA.

SafeFAST Hyper

dual access Class II
Cage Changing Station



CLASS

II

LAMINAR
CHANGING
UNIT

STANDARD
ISO 14644-1
EN 12469

WIDTH (m)

1.0

SafeFAST Hyper is the ultimate generation of microbiological safety cabinet conceived for animal cages changing and designed to perform requirements of the EN 12469:2000.

With dual access front of 300 mm and electrical lifting system, the new SafeFAST Hyper allows working of two operators at a time even when upright.

SafeFAST Hyper is a real microbiological safety cabinet delivering triple protection to the operator, product and environment.

The low pressure drop H14 LAF HEPA/ULPA filter ensures a cleanliness of the air in Class ISO 3 and real laminar flow condition in the work chamber, while the H14 exhaust HEPA/ULPA filter ensures environment protection.

Applications: SafeFAST Hyper Class II Cage Changing Station has been adopted worldwide for product, personnel and environmental protection while handling possible contaminated animals and for preventing Laboratory animal allergy (LAA) that are likely to be caused by animals fur, saliva and urine.

FlowFAST V

vertical laminar flow cabinet



CLASS

ISO 3

LAMINAR
AIR FLOW
VERTICAL

STANDARD
ISO 14644-1

WIDTH (m)

1.2 1.5
1.8

FlowFAST V are vertical laminar flow cabinets which guarantee excellent product protection, providing a clean working area (Class 3 according to ISO 14644-1) by virtue of a Class H14 HEPA/ULPA filter.

FlowFAST V model LAF cabinets have epoxy powder coated cold-rolled steel structure and operate under positive or negative pressure (upon request).

Applications: FlowFAST V Cabinets have been widely adopted in many sectors of industry and in science laboratories for use when handling cell cultures or non-pathogenic biological specimens when the aim is to provide a high degree of protection factor to the samples and the products on the worktop.

These cabinets are recommended for use in applications such as Quality Control in the pharmaceutical and food-beverage industries, Microbiology, Cell culture, Sterile manipulation, Molecular Biology, Nucleic acid amplification (thermocycling).

FlowFAST H

horizontal laminar flow cabinet



These cabinets are recommended for use in applications such as Quality Control in the pharmaceutical and food - beverage industries, Microbiology, Cell culture, Sterile manipulation, In Vitro Fertilization, preparation of nutritional parental therapy.

CLASS	LAMINAR AIR FLOW	STANDARD	WIDTH (m)
ISO 3	HORIZONTAL	ISO 14644-1	0.9 1.2 1.5 1.8

FlowFAST H are horizontal laminar flow cabinets which guarantee excellent product protection providing a clean working area (Class 3 according to ISO 14644-1) by virtue of G3 pre-filter and a Class H14 HEPA/ULPA filter.

The FlowFast H horizontal laminar airflow cabinets have epoxy powder coated steel structures and an AISI 304L stainless steel working surface.

Applications: FlowFAST H Cabinets have been widely adopted in many sectors of industry and in science laboratories for use when handling cell cultures or non-pathogenic biological specimens when the aim is to provide a high degree of protection factor to the samples and the products on the worktop.

SmartFAST SmartFAST mini

compact vertical airflow cabinet



CLASS	LAMINAR AIR FLOW	STANDARD	DIMENSIONS
ISO 3	VERTICAL	ISO 14644-1	W 830 mm W 642 mm

SmartFAST Cabinets are a compact Class ISO 3 vertical laminar flow cabinet which guarantee excellent decontaminated working area and particle-free conditions.

Applications: These compact cabinets are suitable to handle nucleic acids used in thermocycling, DNA amplifications, PCR applications, non-pathogenic microbiological and cell cultures applications.

ChemFAST

recirculating fume cupboard



MOLECULAR FILTRATION TECHNOLOGY	INWARD FLOW	LARGE FILTER CAPACITY	WIDTH (m)
			0.6 0.9 1.2 1.5

Faster S.r.l. have designed and manufactured ChemFAST Top and Elite fume cupboards series, using the latest molecular filtration technology. ChemFAST fume cupboards are used for the containment and removal of toxic vapours and aerosol, providing operator safety in a wide range of disciplines.

Applications: ChemFAST fume cupboards may be found in many laboratories, including: analytical chemistry, Q.C., biotechnology, pharmaceutical industries, food, fine chemical, petro-chemical, cosmetic, photographic laboratories, electronic industries and in clinical diagnostic testing.

INDUSTRIAL LAMINAR FLOW EQUIPMENT



POWDER CONTAINMENT BOOTH

GRADE
A

STANDARD
GMP



A Crossflow module provides the solution for powder containment during sampling, weighing and dosing operations. Primarily conceived for the pharmaceutical and chemical industries for preserving the integrity of safe and hygienic manufacturing processes, employing a Crossflow module is suitable at anytime during the manufacturing process of powders when any risk of dust contamination requires to be avoided.



LAMINAR AIR FLOW BOOTH

CLASS
ISO 5

LAF
VERTICAL AND HORIZONTAL

STANDARD
ISO 14644-1



Faster vertical and mobile horizontal laminar flow equipment consist of self-contained safety modules fitted with Class H14 HEPA filters and motor-fans providing Class ISO 5 air quality in conformity with ISO EN 14644-1 International Standard.

When vertical laminar flow is required to contain a small clean area in the laboratory - to suit the intended application and specific configuration of the clean area - the vertical fan-filter LAF units can be positioned inside or suspended under the false ceiling of the clean room - or joined as modular LAF units by bolting them together to build up from small to room size network structures to cover the profile of pharmaceutical filling machines.



ISOLATOR FOR STERILITY TEST AND CHEMOTHERAPY PREPARATION

CLASS
ISO 5

STANDARD
EN 12469 DIN 12980



Primarily conceived for safe aseptic handling of hazardous materials such as preparation and handling of cytotoxic drugs, manipulation of antineoplastic chemo-therapeutics and CMR, Faster GloveFast isolators provide EC GMP Grade A clean air environment in laminar flow condition, isolating the operator and the environment from the process and its constituent parts. Available in negative pressure GloveFast Cyto or positive pressure GloveFast Aseptic.



TRANSFER HATCH

CLASS
ISO 5

STANDARD
ISO EN 14644-1



Faster transfer hatches are laminar flow equipment commonly known as pass boxes which provide for a clean environment in Class ISO 5 in accordance with ISO 14644-1 while transferring samples from areas classified with different air cleanliness.

WORLDWIDE DISTRIBUTION



Faster S.r.l. is present in the following countries:

AUSTRALIA	GERMANY	PAKISTAN
AUSTRIA	GREECE	PHILIPPINES
BANGLADESH	HUNGARY	POLAND
BELARUS	INDIA	PORTUGAL
BELGIUM	INDONESIA	ROMANIA
BRASIL	IRELAND	RUSSIA
CANADA	ISRAEL	SERBIA
CHILE	ITALY	SPAIN
CHINA	LATVIA	SRI LANKA
CUBA	LITHUANIA	SWITZERLAND
CZECH REPUBLIC	MALAYSIA	THAILAND
DENMARK	MEXICO	TUNISIA
EGYPT	MOROCCO	TURKEY
ESTONIA	NETHERLANDS	UNITED KINGDOM
FRANCE	NEW ZEALAND	VIETNAM



Faster S.r.l.

Via R. Merendi, 22 20010 Cornaredo (MI) Italy
 Tel +39 02 93 991 92 Fax +39 02 93 991 608
www.faster-air.com info@faster.dgroup.it



Striving everyday to improve our environmental performance, Faster developed environmental procedures are founded on three guiding principles:

- Protect the Environment for present and future generations manufacturing low energy consumption equipments
- Reduce risks and improve efficiencies
- Introduce improved technology and processes