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**SZABO
SCANDIC**

Part of Europa Biosite

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

OUR OFFERING



**Microbiological
Safety
Cabinets**



**Cytotoxic
Solutions**



**Laminar
Airflow
Cabinets**



**Chemical
Fume
Cupboards**



Isolators



**Industrial
Systems**



DASITGROUP



**LABORATORY AND
INDUSTRIAL EQUIPMENT**



SINCE 1984, THE ITALIAN BASED **FASTER S.R.L.** HAS BECOME ONE OF THE LEADING EUROPEAN MANUFACTURERS OF LABORATORY AND RELATED EQUIPMENT. OUR CUSTOMERS ARE MAINLY HOSPITALS, UNIVERSITIES AND PHARMACEUTICAL, CHEMICAL, BIOTECH, DIAGNOSTIC, VETERINARY, FOOD & BEVERAGE INDUSTRIES.

FASTER STRATEGY IS TO MAINTAIN AND IMPROVE ITS PRESENCE IN ALL MARKET SEGMENTS BY SUPPLYING TOP-QUALITY INSTRUMENTS. ALL OUR PRODUCTS ARE DESIGNED TO MEET THE REQUIREMENTS OF THE LATEST INTERNATIONAL STANDARDS AND THE MAIN ONES ARE CERTIFIED BY TOP NOTIFIED BODIES AS **TUV GERMANY** AND **LNE FRANCE**.

FASTER RESPONSIBILITY IS TO MEET MARKET AND DISTRIBUTORS' EXPECTATIONS IN TERMS OF PRODUCT QUALITY, RANGE, DELIVERY, PRICING AND SERVICING.

FASTER COMMERCIAL, MARKETING AND ENGINEERING OFFICES ARE LOCATED IN CORNAREDO (MILAN) AND STATE-OF-THE-ART FACILITIES IN FERRARA **DELIVERING CUSTOMIZED AND STANDARD PRODUCTS.**

some
numbers...

OVER **40,000**
INSTALLATIONS IN THE
WORLD SINCE 1984

OVER **30**
DIFFERENT MODELS
AVAILABLE

OVER **60**
COUNTRIES IN THE WORLD
SERVED BY LOCAL
DISTRIBUTORS





Protection, safety, reliability. And more.

WHAT OUR
MOTTO MEANS

Your laboratory, our commitment.

Today **FASTER** wants to stand out as **unique and reliable partner for the choice and the supply of a wide range of laboratory instruments and systems**, able to meet the requirements of the lab activities in the field of microbiology, chemistry, pharmaceutical, biotech, diagnostic, veterinary and industrial fields.

All the equipment is **directly manufactured by our Corporate production plant in Italy** and the current range includes:

- Microbiological safety cabinets
- Laminar airflow cabinets
- Cytotoxic drug safety cabinets
- Isolators for cytotoxic applications and sterility tests
- Chemical fume cupboards (Recirculating/Total exhaust/Hybrid technology)
- Cabinets for special applications
- Customized and bespoke units
- Pharma industry laminar airflow systems
- FORLAB® laboratory furniture

New technologies for a low environmental impact.

Fully aware that any choice made today will determine and shape our future, our company - **FASTER** - believes that technology must protect the environment to ensure a continuing sustainable progress.

The new ECS® microprocessor implements the latest innovative methods of integrated management of all the major functions of ventilation and filtration: self-regulating all the main filtration and ventilation systems, components, compensating for declining



pressure drops and restoring power balance. By combining the use of AC motor-blowers and certified low pressure-drop filters, the new ECS controlling system optimizes power consumption, reducing CO₂ emissions into the environment.

Absolute safety for the operator. Always.

The manufacture of truly “safe” cabinets depends entirely on the quality of their design and components. Aware of the fact that our guarantees for safety do not tolerate compromises, our company has instituted its own internal **FASTER QUALITY AND SAFETY PROGRAM** - consisting of a new set of standard operational procedures and constructive methodologies - applied to all the steps of the production process, the scope of which is to meet the requirements of these high standards.



SafeFAST

MICROBIOLOGICAL SAFETY CABINETS (CLASS I-II-III)

Designed and built to meet the requirements of **EN 12469** and **NSF/ANSI 49**, **FASTER Microbiological Safety Cabinets** have been adopted all over the world for the protection of the product, personnel and environment while handling harmful pathogenic agents classified by appropriate international standards, in a wide range of applications such as Microbiology, Virology, Hematology, Cell culture, Genetics, Handling of hazardous agents to human beings or animals.

All **FASTER** microbiological safety cabinets have been designed and manufactured in accordance with latest technology of **low pressure drop H14 HEPA/ULPA filtration** and are equipped with **ECS® microprocessor**.

SafeFAST Premium



CLASS	MICRO-BIOLOGICAL SAFETY CABINETS	STANDARD	WIDTH (m)
II		EN 12469 NSF/ANSI 49 ISO 14644-1	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 offers the best performances in the market in terms of low power consumption, noise level and CO₂ emissions.

SafeFAST Elite



CLASS	MICRO-BIOLOGICAL SAFETY CABINETS	STANDARD	WIDTH (m)
II		EN 12469 NSF/ANSI 49 ISO 14644-1	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**. The choice of highest construction materials guarantees conformity to the strictest safety standards.

SafeFAST Elite 212 S-D are certified by LNE France and TÜV Germany. SafeFAST Elite 218 S-D are certified by TÜV Germany.

Unit available upon request in **Class I, Class II B2 and Class III** according to **EN 12469** and **NSF/ANSI 49**.



SafeFAST Top



CLASS	MICRO-BIOLOGICAL SAFETY CABINETS	STANDARD	WIDTH (m)
II		EN 12469 NSF/ANSI 49 ISO 14644-1	0.9 1.2 1.5 1.8

SafeFAST Top Microbiological Safety Cabinets belong to the latest generation of laminar airflow systems manufactured by **FASTER**. The choice of highest construction materials guarantees conformity to the strictest safety standards. The single piece stainless steel working chamber, assures the **highest rate of cleanability**.

SafeFAST Top 209 S-D and 212 S-D are certified by LNE France.

SafeFAST Classic



CLASS	MICRO-BIOLOGICAL SAFETY CABINETS	STANDARD	WIDTH (m)
II		EN 12469 NSF/ANSI 49 ISO 14644-1	0.9 1.2 1.5 1.8

SafeFAST Classic Microbiological Safety Cabinets belong to the latest generation of laminar airflow systems manufactured by **FASTER**. The choice of highest construction materials guarantees conformity to the strictest safety standards. SafeFAST Classic cabinets, currently surpass most known "**value-for-money**" Microbiological Safety Cabinets in the market.

Unit available upon request in Class II B2 according to NSF/ANSI 49.



SafeFAST Light



CLASS	MICRO-BIOLOGICAL SAFETY CABINETS	STANDARD	WIDTH (m)
II		EN 12469 NSF/ANSI 49 ISO 14644-1	0.7

SafeFAST Light Microbiological Safety Cabinets belong to the latest generation of laminar airflow systems manufactured by **FASTER**, and with their 732 mm useful width this model is the **smallest biohazard cabinet available in the market**. The choice of highest construction materials guarantees conformity to the strictest safety standards.

FlowFAST

LAMINAR AIRFLOW CABINETS

FASTER vertical/horizontal laminar flow cabinets guarantee and maintain excellent product protection. They are used in many sectors of the industrial market and in science laboratories for the handling of cell cultures or nonpathogenic biological specimens when to offer a high degree of protection to samples and products on the worktop is necessary. These cabinets are recommended in applications such as Quality Control in pharmaceutical and food/beverage industries, PCR, Microbiology, Cell culture, Sterile manipulation, Vitro Fertilization, preparation of nutritional parental therapy.

All **FASTER** laminar flow cabinets are designed and manufactured in accordance with the **latest technology** of low pressure drop H14 HEPA/ULPA filtration, providing positive pressure particle-free working area and **air cleanliness** in Class ISO 3, according to ISO 14644-1.



FlowFAST V



CLASS	LAMINAR AIR FLOW	STANDARD	WIDTH (m)
ISO 3	VERTICAL	ISO 14644-1	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)** thanks to the G3 pre-filter and the Class H14 HEPA/ULPA filter.

FlowFAST V model LAF cabinets have epoxy powder coated steel structure and operate under positive pressure.



FlowFAST H



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)** thanks to the G3 pre-filter and the Class H14 HEPA/ULPA filter.

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



SmartFAST



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

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

These compact cabinets are suitable for handling nucleic acids used in thermocycling, DNA amplifications, PCR applications, non-pathogenic microbiological and cell cultures applications.

CytoFAST

CYTOTOXIC SAFETY CABINETS

FASTER cytotoxic safety cabinets are open front units that have been designed to guarantee product, personnel and environmental protection and they are mainly suitable for applications such as preparation and handling of cytotoxic drugs, preparation and manipulation of antineoplastic chemotherapeutics, preparation and manipulation of CMR drugs and any other agents that might cause genetic alterations, or synergetic activities with other materials, according to **DIN 12980**. This is achieved thanks to the **third bank of class H14 HEPA/ULPA filters** positioned beneath the work surface. Such cabinets also comply with **EN 12469** standard like Class II Biohazard cabinets.

All **FASTER** cytotoxic safety cabinets are designed and manufactured using the latest **low pressure drop H14 HEPA/ULPA** filtration latest technology and are equipped with **ECS® MICROPROCESSOR**.

CytoFAST Elite **CytoFAST Top**

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



CytoFAST Elite/Top cabinets have been designed to protect both the material from contamination and the operator and the environment from cytotoxic contamination and harmful agents.

CytoFAST Elite/Top have been manufactured according to EN 12469:2000 and DIN 12980:2016 standards, with 70% laminar flow recirculated air and 30% exhausted air prior to HEPA/ULPA filtering.

Third bank of class H14 HEPA/ULPA filters with easy and safe replacing system is positioned beneath the work surface. Designed for the handling of cytotoxic drugs, CytoFAST Elite/Top are also suitable for product, personnel and environment protection while handling harmful agents classified by appropriate international standards.

GloveFAST

POSITIVE AND NEGATIVE PRESSURE ISOLATORS

GloveFAST

CLASS	STANDARD
ISO 3	ISO 14644-7 DIN 12980



FASTER GloveFAST isolators for sterility tests and chemotherapy preparation: primarily designed for safe aseptic handling of hazardous materials such as preparation and handling of cytotoxic drugs, manipulation of antineoplastic chemo-therapeutics and CMR, they provide an 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 Pharma or positive pressure GloveFAST Aseptic.

ChemFAST

CHEMICAL FUME CUPBOARDS

FASTER also offer a complete and innovative range of fume cupboards able to prevent any type of chemical risk: 11 different models, based on 5 different aeraulic technologies. Hybrid, variable air volume, fixed rate, simple and combined filtration with air velocity from 0,1 up to 2 m/sec technology: so many models because many are the contaminants and many are also the technologies able to remove them.

ChemFAST are used for the containment and removal of toxic vapors and aerosol, providing the operator safety in a wide range of fields. Applications may be found in various laboratories, including those in clinical diagnostic testing, biological and medical research, analytical chemistry, Q.C., biotechnology, pharmaceutical industries, food, fine chemical, petrochemical, cosmetic, photographic laboratories and electronics industries.

ChemFAST Top ChemFAST Elite

Recirculating fume cupboards



MOLECULAR FILTRATION TECHNOLOGY	NFX 15-211	LARGE FILTER CAPACITY	WIDTH (m) 0.6 0.9 1.2 1.5 1.8
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FASTER has 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 vapors and aerosol, providing the operator safety in a wide range of fields.

ChemFAST Premium

Hybrid technology fume cupboards



EXHAUSTING FILTRATION AND RECIRCULATION	EN 14175	LARGE FILTER CAPACITY	WIDTH (m) 1.2 1.5 1.8
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ChemFAST Premium are the first fume cupboards that combine molecular filtration with the aeraulic working principles of recirculation and exhausting. **This represents a new technology of hybrid chemical fume cupboards developed by FASTER.**

ChemFAST Premium ensure both safety and environmental friendliness for the handling of chemicals. For these reasons, the air inside the unit is always filtered before being exhausted externally. Not only: even the air outside the working chamber is filtered.

On equal dimensions, **ChemFAST Premium consume 80% less air than the traditional lab cabinets, and 40% less air than the cabinets that have secondary inflows.**

ChemFAST Premium are also suitable when the use of small quantities of chemical products is implied; thanks to their **innovative filtration system**, these units can also be used irrespective of ducting systems.





ChemFAST Classic ChemFAST Sharp

Constant air volume and variable air volume. Total exhaust fume cupboards



TOTAL EXHAUST TECHNOLOGY	EN 14175	CONSTANT/ VARIABLE AIR VOLUME	WIDTH (m) 1.2 1.5 1.8 2.1 2.4
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ChemFAST Classic are total exhaust chemical fume cupboards working at **Constant Air Volume technology (CAV)**. The inflow velocity can be adjusted from 0,3 to 0,7 m/sec, both during the installation and the ordinary maintenance; this feature makes it possible to choose the safest velocities for the removal of the contaminants.

ChemFAST Sharp are total exhaust chemical fume cupboards working at **Variable Air Volume technology (VAV)**, which regulates the volume of exhausted air depending upon the opening of the sliding front door.

Both systems assure flexibility, safety and user friendliness and represent the ideal solution for chemical labs thanks to a combination of high standards of protection for the operator with a reduced air consumption.

CABINETS FOR SPECIAL APPLICATIONS

Special

FASTER cabinets designed for specific applications such as DNA amplification, weighing operations and housing of automatic laboratory robots; designed and manufactured by using the **latest technology of low pressure drop H14 HEPA/ULPA filtration and standard equipped with ECS® microprocessor.**

PCR FAST

Polymerase Chain Reaction Cabinet



POLYMERASE CHAIN REACTION CABINET

WIDTH (m)
0.7

PCR FAST is a **DNA amplification cabinet** that belongs to the latest generation of cabinets manufactured by **FASTER** and is specifically designed to perform sensitive **Polymerase Chain Reaction (PCR) amplification and manipulation of DNA or RNA.**

At the end of the PCR process, the unit ensures a completely sterile work area thanks to the presence of **LED UV light** that is needed for irradiation and decontamination of DNA and RNA samples thus prevent contamination during the next PCR campaign.

SafeFAST XXL

Class II Robot Biohazard Microbiological Safety Cabinets



CLASS

II

MICROBIOLOGICAL SAFETY CABINETS

STANDARD
**ISO 14644-1
EN 12469**

WIDTH (m)
**1.2 1.5
1.8 2.2**

FASTER SafeFAST XXL are ideal when **bulk size specialized automatic instruments, robotic testing rigs and production systems** must be loaded inside the unit. Being microbiological safety cabinets in compliance with the **EN 12469-2000**, they are suitable for product, personnel and environmental protection. These units have a high volume of internal working area and a reinforced work surface able to hold big size instruments. A wide range of customizations, able to meet the requirements of different applications, as well as the loading in the safest way of automatic robot machines are both possible in these units. **Bespoke dimensions available on request.**

FlowFAST H Reverse Flow

Powder Weighing Cabinet



INWARD FLOW

STANDARD
ISO 14644-1

WIDTH (m)
**0.9 1.2
1.5 1.8**

FlowFAST H-RF are weighing workbenches designed for personnel and environment protection against powders and aerosol contamination. They are used in a wide range of fields such as: weighing processes (micro and semi-micro balances according to USP requirements), weighing of no/low toxic powdered substances, sampling and decanting, product transfer, working with sifting machines.

Despite the same structure and the look of the standard **FlowFAST H**, **FlowFAST H-RF** units function in **negative pressure reverse flow mode** (opposite to the **FlowFAST H** working principle).

CUSTOMIZED AND BESPOKE
UNITS



FASTER analyzes, specifies and develops bespoke products in synergy with customer's ideas, tailoring the most proper solution according to their needs; the Research&Development department meet the latest market demands combining them with engineering strategies and as result, **FASTER produces hundreds of customized units per year.**

PHARMA INDUSTRY LAMINAR
AIRFLOW SYSTEMS



MODULAR
LAF UNIT



CLASS	LAF VERTICAL AND HORI- ZONTAL	STANDARD
ISO 5		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.

CLASS	STANDARD
ISO 5	ISO EN 14644-1

POWDER
CONTAINMENT
BOOTH



GRADE	STANDARD
A	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.

PASS BOX



CLASS	STANDARD
ISO 5	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.

AIR SHOWER



FASTER Air Showers are devices used in clean room areas such as micro-electronics, semiconductor, spray-painting, pharmaceutical and food market to remove dusts from the outer surfaces of operators' garment and clothing prior to enter into clean and dust free environments.

This thorough dust-removal effect is achieved by means of special aluminum adjustable air-nozzles blowing filtered clean air at very high speed (exceeding 25 m/s) onto the garments in the transfer chambers. This action will causes detachment of dusts, powders and other particulate contaminants from the garments as a result of the air blown from different directions, including from the top.

FORLAB[®]4you

SURE TO BE 'UP'



Modular ,
Safe ,
Ergonomic ,
Eco friendly ,

■■■ FORLAB[®] is the
laboratory furniture
solution that fits better
to your work ■



WORLDWIDE DISTRIBUTION

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

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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

