

- Push-Pull Bars
- CLEANJET Kit with Sliding System



- Stainless Steel Feed Hopper Kit



- Fixed Shelf Kit



- Folding Shelf Kit



SPECIFICATIONS AND DIMENSIONS

- Changing Station "CS - 5" - 120 European and Korean Standard (**code 9CACGCS512**) (230V - 50/60Hz)
- Changing Station "CS - 5" - 120 UK Standard (**code 9CACGCS512UK**) (230V - 50Hz)
- Changing Station "CS - 5" - 120 Swiss Standard (**code 9CACGCS512CH**) (230V - 50Hz)
- Changing Station "CS - 5" - 120 American Standard (**code 9CACGCS512US**) (115V - 60Hz)
- Changing Station "CS - 5" - 120 Australian Standard (**code 9CACGCS512NZ**) (230V - 50Hz)
- Changing Station "CS - 5" - 120 Japanese Standard (**code 9CACGCS512J**) (100V - 50/60Hz)
- Changing Station "CS - 5" - 120 Brazilian Standard (**code 9CACGCS512KO**) (230V - 60Hz)

- **Overall Dimensions:**
mm 1220 (w) x 777 (d) x 1967 / 2267 ht (lower/higher position)
- **Working Area:**
mm 1096 (w) x 661 (d) x 660 (ht)
- **Front opening access:**
mm 380 (ht)
- **Net Weight:**
Kg 220
- **Supply Air Volume per hour:**
750 m³/h
- **Exhaust Air Volume per hour:**
1450 m³/h
- **Noise Level:**
59 dBA

OPTIONAL ITEMS

- 9CACGCS5FH** Stainless Steel Feed Hopper Kit
- 9CACGCS5S** Fixed Shelf Kit (sound-absorbent, anti-scratch, autoclavable material)
- 9CACGCS5FS** Folding Shelf Kit (sound-absorbent, anti-scratch, autoclavable material)
- 9CACGCS5PPB** Push-Pull Bars Kit
- 9CACGCS5CJ** CLEAN-JET Kit with Sliding System
Automatic Atomizer for no-contact hand disinfection

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SPECIAL NOTE:
Since this unit only provides partial containment, its adequacy for working with biohazardous materials should be determined by a safety officer or other qualified individuals.
This unit is not intended to be used with toxic, flammable or explosive substances.

CAT091/ING - 03/06 - REV.00

CS5 CHANGING STATION

DOUBLE SIDE CHANGING STATION



TECNIPLAST®
Flow Division

CS 5 is a compact, mobile Changing Station that allows the user to easily move the cabinet inside the animal room and along the cage racks for animal transfer operations, providing protection for animals, operators and the environment at the same time.

The CS5 is ergonomically designed for maximum user comfort thanks to the height-adjustable lift system. With its 360° open access it optimizes efficiency in cage changing procedures. CS5 provides a large work area for one or two operators with optimum internal visibility.



ALLERGEN CONTAINMENT

Protected from external contamination by a pre-filtered and HEPA filtered vertical laminar airflow. Good protection for users and the environment from exposure to allergens and cross contamination is guaranteed by an air barrier, generated by the room air that enters a perimeter grid located around the work surface. All the contaminated air passes under the working surface through a double level of pre-filtration and is exhausted back into the room after HEPA filtration. The contaminated air stays in a negative pressure zone that prevents any leakage of contaminants. All the HEPA filters are DOP-tested.



The unit is supplied with two easy access pre-filters, positioned under the working area. The U-shaped pre-filter support prevents any escape of dust. The high arresstance pre-filters are protected by a removable, washable plastic net.



WORKING AREA

The work surface is composed of two easily removable frames, built of sound-absorbent, anti-scratch, autoclavable material.

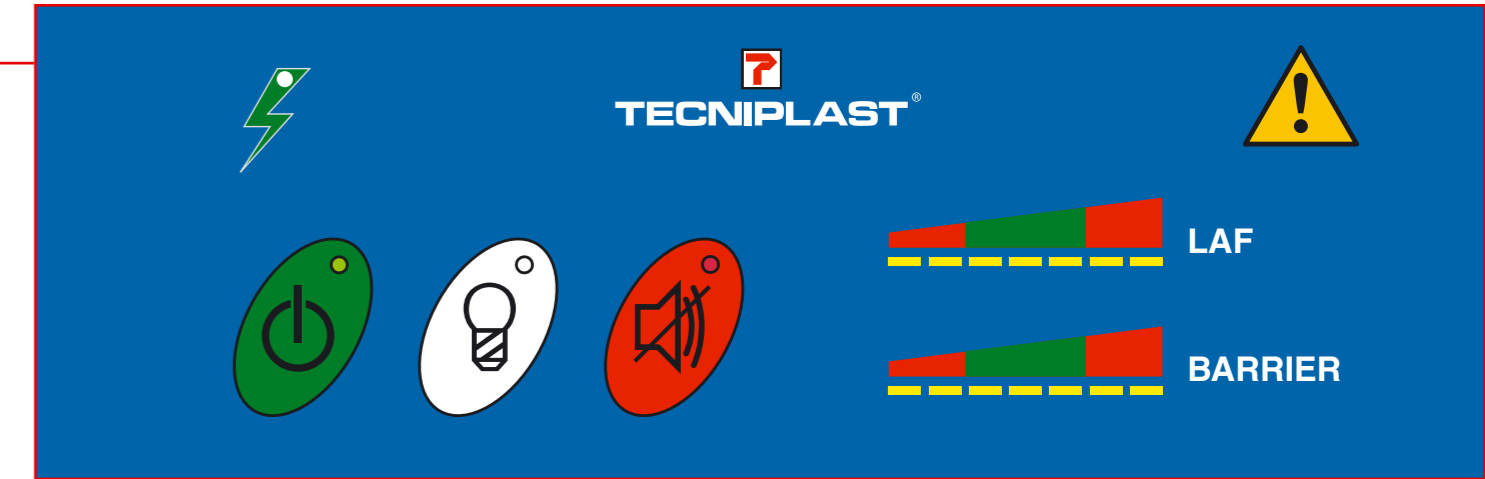
Once removed, the frames can easily be placed at the side of the cabinet in the specially designed support.



The CS5 is very easy to clean with its bevelled edges. The unit features also a removable tank for refuse disposal and perimeter drain.

CONTROL PANEL

The unit is provided with an easy access, user friendly control panel. A microprocessor control system automatically controls the velocity of the LAF and of the air barrier. Thanks to the LED bar graph, the operator can check the velocity of the laminar flow and of the air curtain, and the pressure drop on the pre-filters and HEPA filters. A sound and visual alarm signals when operational conditions are outside the set parameters.



* Electrical power socket available in several different standards.



AUTO LIFT:

The electric auto lift allows ergonomic positioning for the user during the operating phases and allows to reduce the minimum height so that the unit is easy to transport through normal doorways; the lift system can be controlled easily by two buttons. The height of the cabinet is adjustable from 1,967 mm to 2,267 mm.

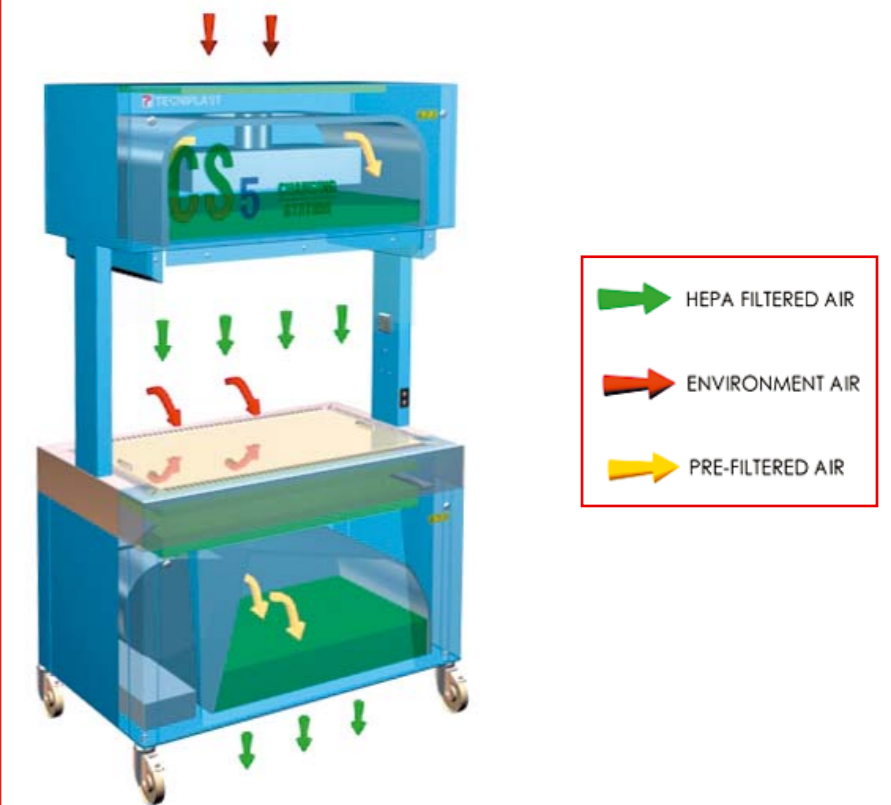


CS5 OPERATING PRINCIPLE

Room air enters the top of the cabinet and flows downward through a pre-filter and is pushed through the HEPA filter by the main motor-blower. This HEPA-filtered Vertical Laminar Airflow provides Class ISO 5 clean air in the working area to protect animals from external contaminants and from cross-contamination.

A second motor-blower (positioned under the working area) draws both contaminated air from the working area and make-up air from the room through the perforated grid all around the working surface. All contaminated air passes through a second pre-filter and HEPA filter before being released back into the environment.

100% of air volume is exhausted.



* Side lights provide full visibility to the user.

* Safety tempered glass viewing windows.