



KEEP HANDS  
CLEAR OF  
MOVING SCREEN



## Fully integrated **Gas Anaesthesia system** for ARIA BSCs

Class II Microbiological Safety Cabinets and Cage Changing Stations specifically designed for Animal Research Laboratories, Tecniplast ARIA TECH 48 & 60 GAS, with a **fully integrated TEM SEGA anaesthesia system**, assures effective microbiological safety during animal surgical operations or experimentation preventing cross contamination and allergen exposure.

### STANDARD FEATURES

- **Automated slanted sash window adjustable at two different heights** (250mm in biohazard configuration; 290 mm in cage changing procedure)
- **Electric auto lift system** (optional) for ergonomic height positioning and easy transport
- **Autoclavable induction chamber** entirely embedded in the working surface
- **All anaesthesia controls** (touch screen control panel, vaporizer, induction chamber, mice or rats mask, thermal probe, heating pad) **placed inside the working area**
- **LED light bars with dimmer** (particularly beneficial for procedures with light-sensitive mice) **and red LED light to work at night** (in CS mode).



### PERFORMANCE

- **Guaranteed protection for your staff and animals** meeting the requirement of EN 12469:2000 regulation (**KI Discus proof**) and compliant with **NSF49 as Class II Type A2**
- **ISO Class 3 Air Quality** according to **ISO 14644-1**
- **Automatic regulation system to keep the airflow speed in the work chamber** and the recycling / extracted air ratio constant even with the progressive clogging of the **two HEPA filters** up to the maximum pressure supported by the **EC motor** or with the different work openings set
- **Dedicated and automatic inlet & outlet flowrate electronic management** for induction chamber and anesthesia mask
- **Automatic scavenging anesthesia system with dedicated filters.**



### BENEFITS

- **The anaesthesia integration into the back panel** frees your cabinet's working chamber, keeping the work surface clear
- **Simply access to pre-filters** located in the rear of the panel, which preserves HEPA filters lifespan and efficiency
- **The anaesthesia system is equipped with 3 independent control lines** (1 for induction chamber and two for masks) and a dynamic 7" smart touch screen with pre-set protocols.



COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =

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**TECNIPLAST**  
innovation through passion

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CAT 201/ING - Rev Aug2021

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