



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 anaesthesia mask
- **Automatic scavenging anaesthesia 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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