

BIOSAFETY CABINETS



TECH48



TECH60

TECNIPLAST BIOSAFETY CABINETS, SPECIFICALLY DESIGNED FOR ANIMAL RESEARCH LABORATORIES, GUARANTEE THE UTMOST PROTECTION OF THE OPERATORS FROM THE INHALATION OF INFECTIOUS PARTICLES, DUST, ALLERGENS AND PATHOGENS.

AT THE SAME TIME, TECNIPLAST BIOSAFETY CABINETS GUARANTEE AN EXCELLENT PROTECTION OF THE ANIMALS FROM CONTAMINANTS, BY MINIMISING THE EXPOSURE TO AEROSOLS, THUS PRESERVING ENVIRONMENTAL SAFETY.



ARIA

BIOSAFETY CABINET

NEVER OPEN PRODUCT & FACE TO OPEN
OR TO REMOVE THE FACE OR WORKING
SURFACE. ALWAYS USE PROTECTIVE EQUIPMENT
AS SPECIFIED IN THE USER MANUAL.
NEVER USE THE WORKING SURFACE
TO CLEAN THE WORKING AREA.
NEVER USE THE WORKING SURFACE TO
CLEAN THE WORKING AREA.





BIOLOGICAL SAFETY CABINET CONFIGURATION



CHANGING STATION CONFIGURATION

*The unique MSC
dual configuration in the world!*

TECH48

SURFACE WIDTH: 120cm - 48"

- Double configuration Microbiological Safety Cabinet and Cage Changing. Simply typing a password, the operator can carry out cage changing operations or experimental activities (by adding the related S/S working surface) in Class II Biohazard configuration
- Certified by TÜV-Nord, meets the requirements of EN 12469:2000 regulation in terms of safety and performance and is compliant with NSF49 as Class II type A2
- Complete operator, product and environmental protection: ISO Class 4 Air Quality (ISO 14644-1)
- Increased flexibility and comfort:
 - The automatic slanted sash window can be adjusted at two different heights: 250mm (98") in Biohazard configuration and 290mm (114") in cage changing mode
 - Optional electric auto-lift system
 - Noise and vibration minimization
- Increased flexibility and comfort
- Energy-efficient LED light system for bright working environment; the bar is equipped with a dimmer to modify the light intensity as needed



ENERGY-EFFICIENT LED LIGHTS



RED LED LIGHTS FOR NIGHT MODE



OVERALL DIMENSIONS (WxDxH)	WORKING AREA DIMENSIONS (WxDxH)	WEIGHT
1395 x 850 x 1590 (cabinet only) mm 1395 x 850 x 1998.5 - 2323.05 (with mobile base) mm 1395 x 850 x 2255 - 2305 (with fix base) mm 54" 7/8 x 33" 4/8 x 78" 5/8 - 62" 5/8 (with mobile base) 54" 7/8 x 33" 4/8 x 78" 5/8 - 91" 4/8 (with mobile base) 54" 7/8 x 33" 4/8 x 88" 6/8 - 90" 6/8 (with fix base)	CHANGING STATION: 1190 x 540 x average 692 mm 46" 7/8 x 21" 2/8 x average 27" 2/8 BSC2: 1190 x 540 x average 612 mm 46" 7/8 x 21" 2/8 x average 24" 1/8	CABINET ONLY: ~ 260 kg - 573 lbs WITH MOBILE BASE: ~ 320 kg - 705 lbs WITH FIX BASE: ~ 280 kg - 617 lbs

- Standard red LED lights for night mode in changing station configuration
- 4.3" control panel: user-friendly and easy to read
- High cleanability: the AISI 304 working surface (Biohazard configuration) as well as the TRESPA® working surface (Cage Changing configuration) can be easily removed to carry out routine disinfection and/or autoclaving procedures



DUAL CONFIGURATION MSC: CLASS II MICROBIOLOGICAL SAFETY CABINET AND CAGE CHANGING STATION

TECH60

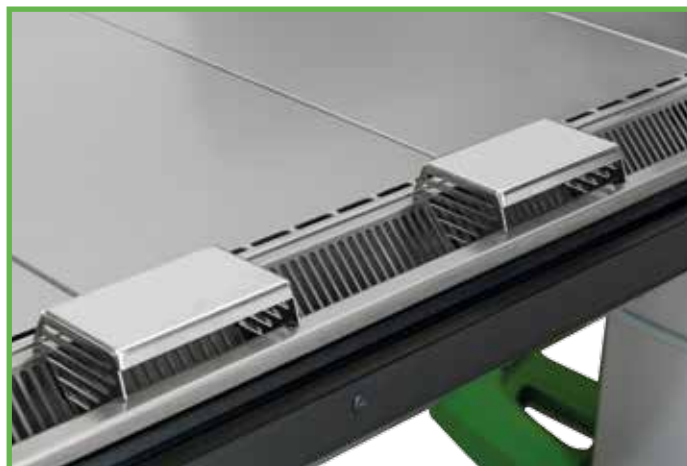
SURFACE WIDTH: 150cm - 60"

Specifically designed for Animal Research Laboratories, Tecniplast ARIA Tech60 assures an effective barrier, prevents cross-contamination and allergen exposure. Simply typing a password, the operator can perform cage changing operations or microbiological activities (by adding the dedicated S/S working surface) in Class II Biohazard configuration.

OVERALL DIMENSIONS (WxDxH)	WORKING AREA DIMENSIONS (WxDxH)	WEIGHT
1700 x 850 x 1590 (cabinet only) mm 1700 x 850 x 1998.5 - 2323.5 (with mobile base) mm 1700 x 850 x 2255 - 2305 (with fix base) mm 66" 7/8 x 33" 4/8 x 62" 5/8 (cabinet only) 66" 7/8 x 33" 4/8 x 78" 5/8 - 91" 4/8 (with mobile base) 66" 7/8 x 33" 4/8 x 88" 6/8 - 90" 6/8 (with fix base)	CHANGING STATION: 1495 x 540 x average 692 mm 58" 7/8 x 21" 2/8 x average 27" 2/8 BSC2: 1495 x 540 x average 612 mm 58" 7/8 x 21" 2/8 x average 24" 1/8	CABINET ONLY: ~ 305 kg - 672 lbs WITH MOBILE BASE: ~ 370 kg - 816 lbs WITH FIX BASE: ~ 330 kg - 728 lbs



ERGONOMIC ACCESS TO PREFILTERS FOR EASY MAINTENANCE



MOVABLE ARMRESTS TO IMPROVE OPERATOR'S COMFORT



ON-BOARD HOLDER FOR STAINLESS STEEL WORKING SURFACES (WHEN SET IN CS MODE)

- 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 positioning and easy transport
- 4.3" touch screen panel
- LED light bars with dimmer (particularly beneficial for procedures with light-sensitive mice) and red LED lights to work at night (in CS mode)
- Wide range of available options
- Lower energy costs, longer filter life, reduced noise, vibration and heat emissions thanks to the EC high-performance and superior efficiency motor
- Sound-pressure levels (including alarms) way below the parameters of the current EN:12469
- TECH60 performances compliant with both the European and American standards of Class II Biosafety Cabinets
- Outstanding flexibility and comfort thanks to the extra wide working area
- Bright and open working environment: transparent glass side windows and LED light bars with dimmer
- No rounded corners: easy to clean. The AISI 304 (biohazard configuration) and the TRESPA (cage changing configuration) working surfaces are easily removable to perform routine cleaning and/or autoclaving sterilization procedures
- Easy access to pre-filters located in the rear of the panel, which preserves HEPA filters lifespan and efficiency
- Noise and vibration minimization thanks to the unique plenum design: acoustic comfort for both operators and animals

TECNIPLAST



ARIA
VENTILATED CABINET