# FLEXYCULT™

## INCUBATION SYSTEM FOR ADVANCED THERAPY LABS

# Changing the way ATMPs are processed in your cell factory

COMECER®

# **Flexy**Cult™

## *The best solution to scale up your cell culturing procedures!*

***Self-assessment***

- *Do you need to expand your production capacity but you are running out of space in your Grade B cleanroom?*
- *Do the long cleanroom turnover cleaning procedures cost you valuable time?*
- *Are you worried about the risks of keeping several incubators in the same area?*

***If you answered "yes" to any of these questions, you should consider the Flexy**Cult™ **incubation system.***

**Flexy**Cult™ is a multiple single-batch incubation modules system connected to a shared utilities docking station.

### Innovative

A dedicated, specifically-designed solution for Grade A air/$CO_2$ circulation, coupled with a wall heating system, allows perfect distribution of the temperature and $CO_2$ inside the culturing environment.

### Sterilizable

A hydrogen peroxide sterilization system is available on board the docking station. The operator can select which of the incubators to sterilize with dedicated cycles in order to ensure a grade A environment during set up.

### Continuously monitored

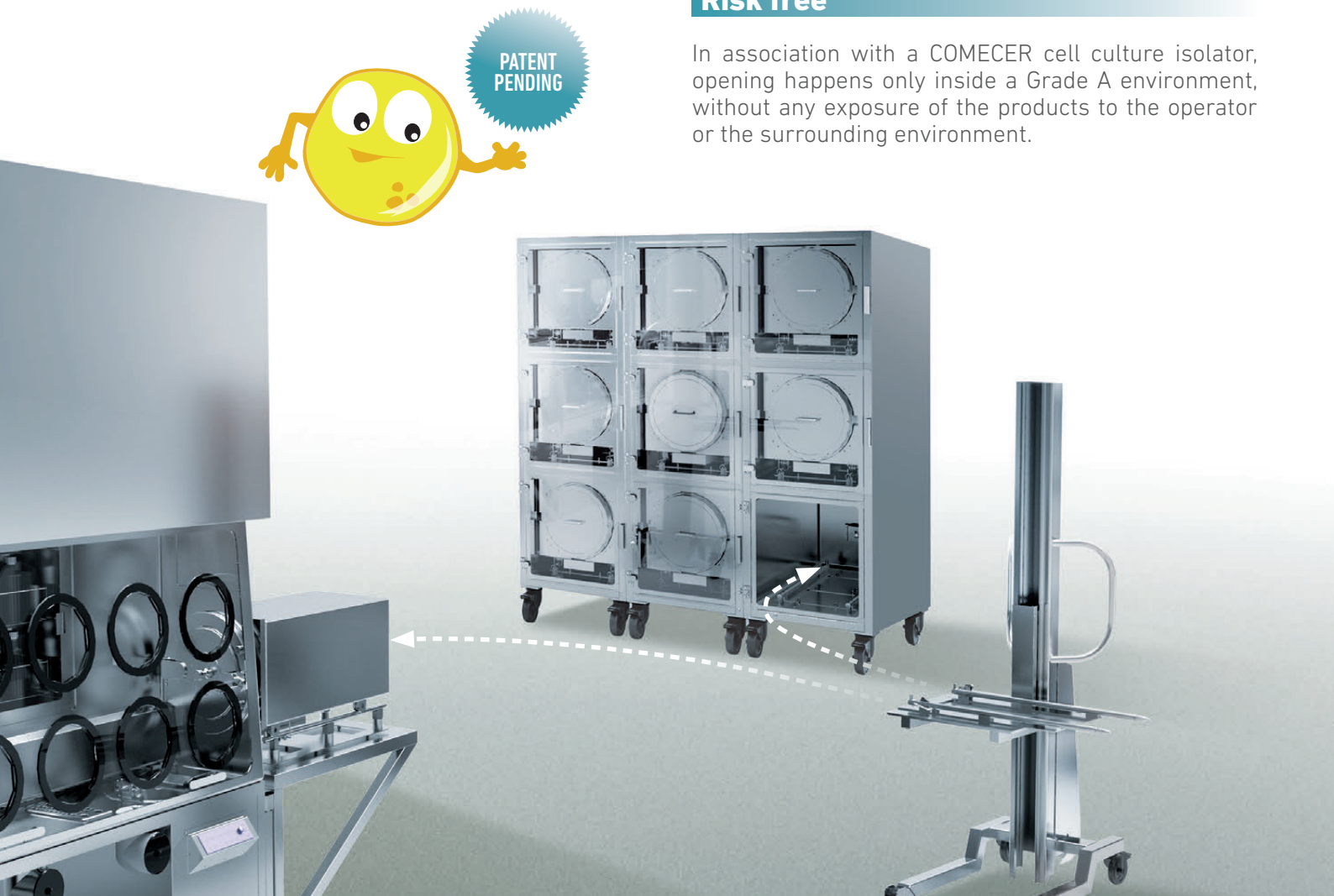
Centralized control of all the relevant parameters takes place through of an embedded motherboard and a supervisory system. Alarms are foreseen to advise for out-of-range parameters.

### Flexible

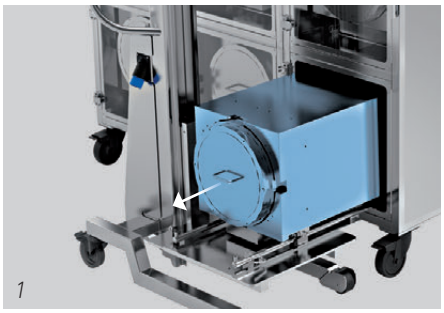
Several incubators can be located in the same environment without risk of possible cross-contamination, as two incubators are not allowed to be open at the same time, and there are no external contacts. Safety is guaranteed, with maximum flexibility and space saving configuration.

### Risk free

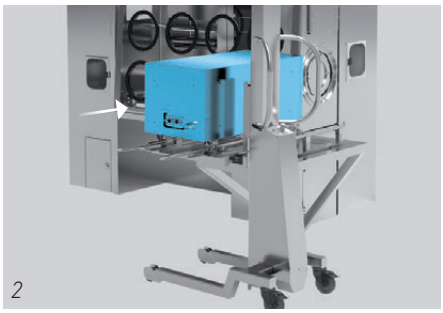
In association with a COMECER cell culture isolator, opening happens only inside a Grade A environment, without any exposure of the products to the operator or the surrounding environment.



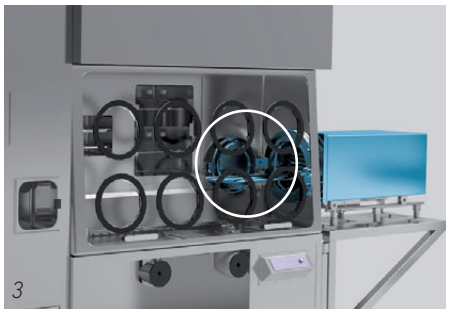
## Flexible, compact and easy to use




***Undock**: using a dedicated lifter, the incubator is undocked from its working location.*

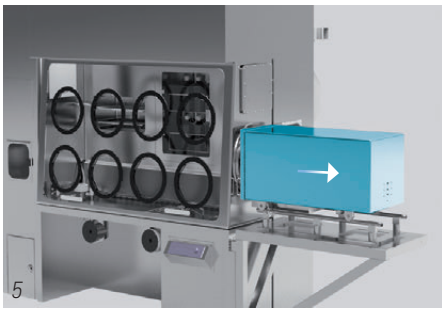



***Transport**: the incubator is transferred to a suitable support.*



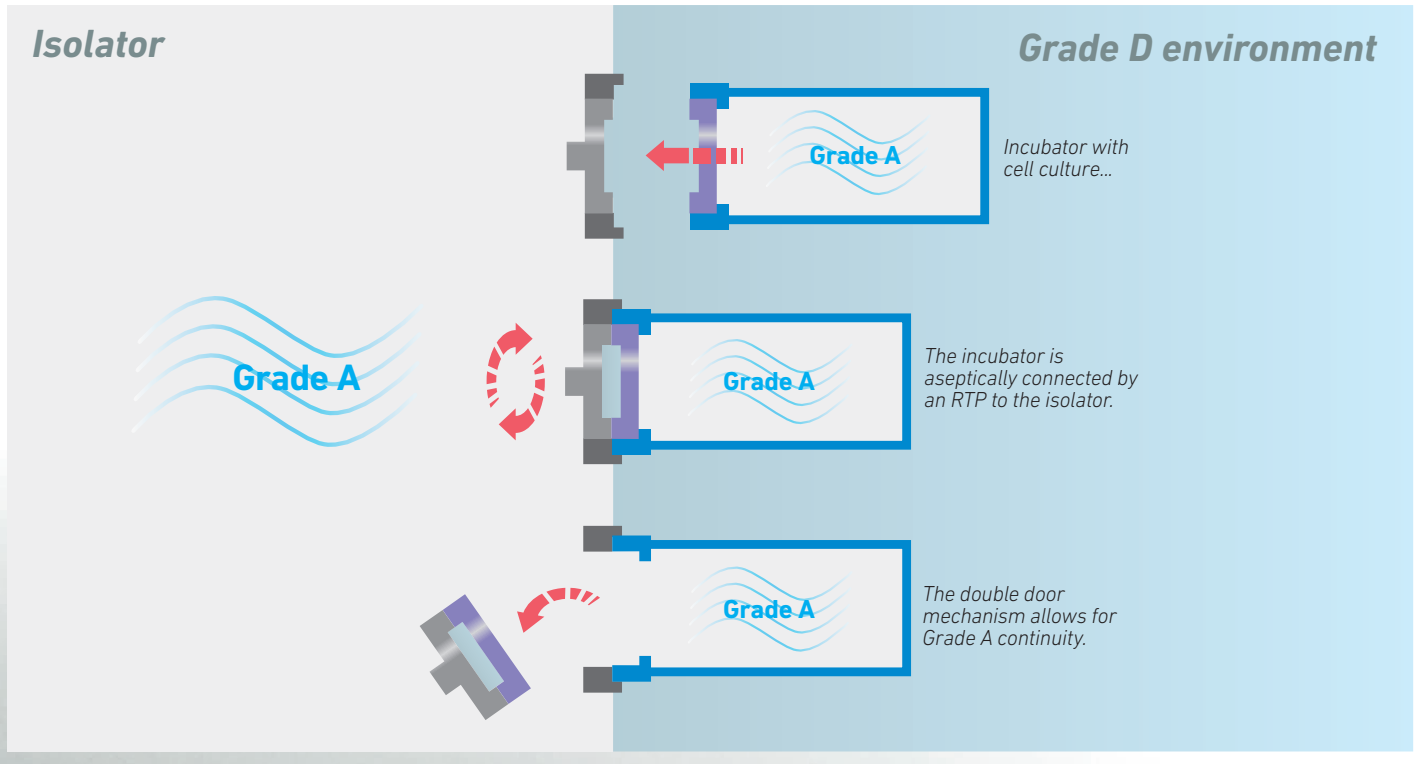

***Connect and use**: the incubator is aseptically connected by an RTP to the isolator and opened in a grade A environment.*

***Close**: at the end of the procedure, the RTP is closed allowing disconnection.*




***Disconnect**: the incubator is disconnected from the isolator back on the support.*

***Dock**: the incubator goes back to its original position, in working location.*




*Play video*
*www.comecer.com/FlexyCult*

## Solution benefits

COMECER **FLEXY**CULT™ can be sterilized with VPHP at the beginning of the process, together with the Isolator or independently. It is then aseptically loaded with your cell culture through the isolator. At present, there are no similar solutions in the market.

Air and $CO_2$ with the correct moisture is prepared outside the incubator and delivered ready. No need for a water reservoir inside the incubation module.

There is no direct contact between operator and culture.

COMECER **FLEXY**CULT™ can be opened assuring Grade A continuity.

COMECER **FLEXY**CULT™ can be placed in a Grade D background, as it is sealed and it does not need any external intervention.

COMECER **FLEXY**CULT™ is available in sets of 3, 6 or 9 incubation modules, to allow for any space, flexibility and budget needs.

### *Technical data*

| *Working parameters* (set point range common for all the modules) | | |
|---|---|---|
| Temperature | *°C* | 30-40 ± 1 |
| Relative humidity | *%* | 70-85 ± 3 |
| $CO_2$ | *%* | 0-10 ± 0.5% |
| Inlet airflow | *$m^3/h$* | 5 ± 1 |
| Pressure | *Pa* | 100 ± 10 |
| Incubation volume | *l* | 67 |
| *Dimensions and weight** (each module) | | |
| Width | *mm* | 470 |
| Depth | *mm* | 1035 |
| Height | *mm* | 490 |
| Wheels height | *mm* | 50 |
| Weight | *kg* | 60-70 |

*Dimensions are indicative and can be customized

**FLEXY**CULT™ BENEFITS FROM THE COMECER QUALITY, PRODUCT SERVICE AND SUPPORT APPRECIATED WORLDWIDE

www.comecer.com/regenerative-medicine

COMECER

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