Panason**i**c

CO₂ incubators

Optimising cell culture productivity MCO-170AIC



Discovery powered by precision

Optimising cell culture productivity

We understand that creating successful cell cultures requires a ${\rm CO_2}$ incubator that offers the highest levels of precision, security and ease of use.

Our latest MCO-170AIC CO₂ incubators with Panasonic's innovative technologies offer outstanding quality in performance, maximise cell culture productivity and provide optimum results and reproductivitiv.

Providing a precisely controlled environment for sensitive cell cultures

Delivering long-term performance, optimal cell visibility and successful experiments, each Panasonic incubator provides predies control of CO₂ concentration and temperature, whate remaining easy to operate and maintain. In MOO-TMAIL CO₃ incubators support a reliable, stable cell culture environment accessed at hell positions, meaning each and werry colls staffly maintained underficials conditions.

DHA Direct heat and air jacket system

 Provides high precision temperature control for advanced uniformity and rapid recovery after door opening.

NEW Improved insulation performance and lower running costs

 Delivers improved culture conditions and a reduction in electricity costs¹

PID Control of CO2 and temperature

 Precise control guarantees exceptional performance and optimum results.

Dual IR CO₂ sensor

 Minimises the effect of temperature and humidity changes during and after door openings for outstanding COs control and fast neovery.

Optimum protection for your cell

We know how valuable your cultures can be Our advanced contamination control systems are designed to prevent the loss of your irrept aceable call adultures with continuous background contamination control. All supported by a new security system.

InCu saFe® copper-enriched stainless steel interior Protects cell cultures by eliminating surface contamination sources and mitigating the effect of

airborne contaminants

Optional Safe Cell UV® with NEW increased

UV lamp life Steril ises airborne and water pan contamination

with 25 times longer lamp life,2

NEW Optional electric door lock

 Provide enhanced security for your cultures and their conditions with an optional automatic electric door lock with password.





2) Original to provious Parasonic 170 Ure CO₂ incubators.

Increasing work efficiency

We have designed our incubators with ease of use and efficiency in mind. By delivering a user triendly cell, out ture incubator with rapid systems and processes, Panasonic can help make your work as simple as possible.

NEW More space for more cultures

 In a laboratory environment it is important to make the most of all, the space available. With new integrated shelf supports, the Panasonic MCO-170ALC OD₂ incubators provide space for up to 25% more culture vessels³.

NEW Integrated shelf supports

 Save valuable time and reduce the risk of contamination with an easy to dean incubator interior featuring fully rounded corners and integrated shelf supports.

Rapid sterilisation cycle

 Panasonids H₂O₂ vapour steritisation cycle reduces downtime to less than 3 hours for complete, validatable decontamination for increase for durinity.



NEW Full colour LCD touch screen

 The user friendly full colour LCD touch screen provides clear information of incubator status with easy access to controller functions for fast, convenient set-un.

NEW USB port

Optimise cell culture protocols and achiere to standard operating procedures by conveniently transfering data to a USB memory stick to pass on to a PC. Logged parameters include chamber temperature, CO₂ level, door open status and alarms.



Panasonic



 The MICO 170ALC CO, houtaver con accommodate 25% more 90 mm dishes per shelt compared to previous Parasonic 170 little

Specifications and options





The MCO-17CAIC series are certified as a Classifia Medical Device (93/42/EEC and 2007/47/EQ for medical purposes of culturing cells, tissues, organisand embryos.



for more information:

www.biomedical.panasonic.eu