

For more reproducible results
of your cell-based assays



CellXpert® for Cell-Based Assays

For stable growth conditions and reproducible results: the CellXpert C170i CO₂ Incubator
 Reproducibility of cell-based assays is one of the key points when it comes to reliability of experimental data. In addition to choosing the appropriate assay, homogeneous incubation conditions inside the CO₂ incubator are critical to decrease data variability. The CellXpert C170i from Eppendorf supports researchers to achieve more reliable results of cell-based assays.

Optimized growth conditions for more reproducible results

- > Fast temperature and CO₂ recovery in less than 5 min after door opening, with no setpoint overshoot
- > Fanless design for optimized vibration and air turbulence protection
- > Temperature homogeneity verified at 27 spots inside

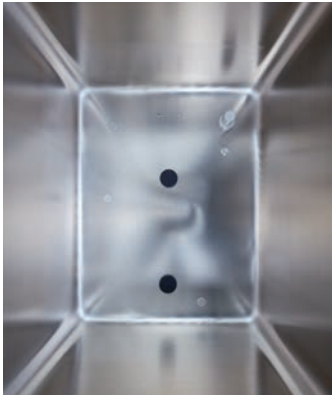
Easy cleaning and reliable contamination prevention

- > Seamless chamber
- > Fanless design
- > 180 °C sterilization
- > Option for 4- or 8-segmented inner doors
- > Options for antimicrobial copper interior

Precise documentation and instant alarms with VisioNize®

- > Comprehensive documentation of CO₂, temperature, door opening times, alarms, (optional relative humidity & O₂) etc. for easy troubleshooting in case of alarms
- > SMS or email notification in case of predefined alarms or events

For More Reproducible Assay Results



Easy cleaning and disinfection

Disassemble the chamber components within 40 seconds, quickly wipe the seamless chamber, and simply start the 180 °C sterilization.

Video: [Easy cleaning and reliable contamination prevention](#)



Uniform temperature verified at 27 spots inside

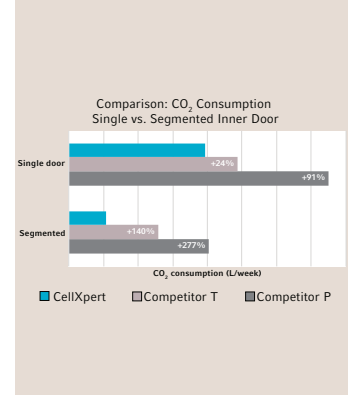
The novel approach of multiple, independent temperature sensors inside was verified according to the German DIN 12880:2007-05 norm.

White Paper: [CO₂ Incubator Temperature Control in the CellXpert](#)



Vibration and turbulence protection – no fan

Ever experienced cell growth variations between different shelves, especially between the top shelf and others? The fanless design helps to protect your cells from vibrations and air turbulences that can disrupt the protective micro-atmosphere above the medium.



Save up to 8,300€ (\$8,000) over 5 years

Running costs for a CO₂ incubator easily exceed its purchase price over time. Hidden costs are significant, like regular replacement of HEPA-filters, low capacity, or high gas consumption.

White Paper: [How to save money and lab space with the CellXpert](#)



CellXpert® C170i Ordering Information

Recommended CellXpert® C170i configuration – for more reproducible results of your cell-based assays:

- > 4-segmented inner doors
- > Water level and humidity monitoring
- > VisioNize Lab Suite (connect up to three devices free of charge)

Description	Order no.					
	230 V, 50/60 Hz European	230 V, 50/60 Hz UK/HKG	230 V, 50/60 Hz Australia	230 V, 50/60 Hz China	100–120 V, 50/60 Hz USA/Japan	
Door handle right	6731 000.341	6731 000.342	6731 000.343	6731 000.344	6731 000.345	
Door handle left	6731 000.351	6731 000.352	6731 000.353	6731 000.354	6731 000.355	
Copper package for critical parts (water tray and shelves)	6731 080.013	6731 080.013	6731 080.013	6731 080.013	6731 080.013	

Learn more about the new CellXpert, available options, and request an individual quote:

www.eppendorf.com/co2-incubators

Your local distributor: www.eppendorf.com/contact
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eppendorf@eppendorf.com · www.eppendorf.com

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