eppendorf

Your Next Hypoxia Incubator

CellXpert® C170i CO_2 incubator for cell culture under hypoxic conditions

For cell culture applications that require oxygen levels below ambient atmosphere (e.g. in stem cell or cancer research), an incubator with O_2 regulation is needed. These hypoxia incubators reduce the oxygen concentration by supplying significant volumes of (often costly) nitrogen to the chamber, thus suppressing the oxygen. The hypoxia incubator variants of the CellXpert C170i provide (severe) hypoxic conditions, while significantly reducing costs by reduced nitrogen consumption.

Save money with significantly reduced CO_2 and N_2 consumption

> Smart gas control
> Accurate door construction (clearance)
> High-quality seals

Easy cleaning and reliable contamination prevention

> Seamless chamber
> Easy disassembly
> Fanless design
> 180 °C disinfection
> Options for small segmented inner doors

For Cell Cultivation Under Hypoxia

Hypoxia incubator models

> O_2 control option (in-field upgradeable): 1–20 %
> Fast temperature and gas recovery after door opening to maintain atmosphere including hypoxia
> Change gas cylinders less often and save money by significantly reduced gas consumption
> Optional small segmented inner doors to minimize disturbance of hypoxic atmosphere during door openings

Additional features

> Enhanced vibration and turbulence protection: No fan inside
> Easy cleaning and disinfection: Seamless chamber, easy disassembling in a few seconds
> Platinum-coated ZrO_2 (high temperature resistant) O_2 sensor
> Save lab space: two devices stackable, also with selected incubators from other brands

CellXpert C170i

Video: Easy cleaning and reliable contamination prevention

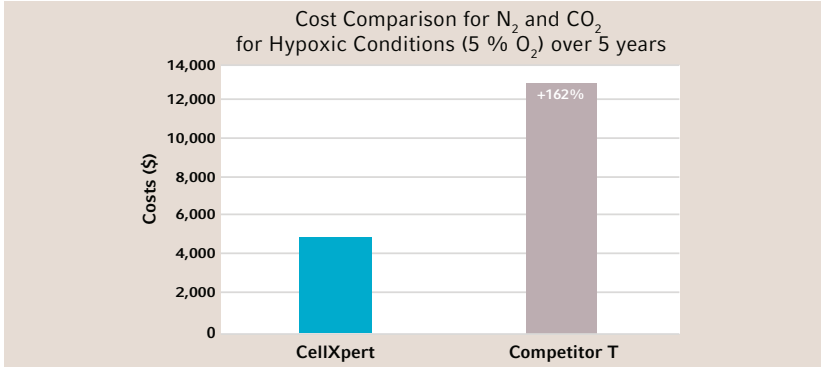
White Paper: How to save money and lab space with the CellXpert CO_2 Incubators

Application Note: Hypoxia and iPSC: A Low Oxygen Atmosphere Supports the Xeno-free Generation, Expansion, and Differentiation of Human Induced Pluripotent Stem Cells

Learn more:
www.eppendorf.com/c170i

Nowhere to hide for contaminants and quickly cleaned: Smooth, seamless, and fanless incubator chamber and removable water tray for proper cleaning and refill

Available with small segmented inner doors to minimize hypoxia disturbance (read more about the benefits of segmented inner doors in our White Paper)



Save up to over 7300 € / 8180 USD in five years by reduced gas consumption for hypoxia experiments with the CellXpert (read more in our White Paper)

Discover all hypoxia incubators and other CO_2 Incubators from Eppendorf:
www.eppendorf.com/co2-incubators

Your local distributor: www.eppendorf.com/contact
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