

Save money on a hypoxia incubator from Eppendorf



Your Next Hypoxia Incubator

CellXpert® C170i and Galaxy® 48 R CO₂ incubators 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 O₂ regulation is needed (also referred to as tri-gas-, multi-gas-, or hypoxia incubator). 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 new CellXpert C170i and the Galaxy 48 R provide (severe) hypoxic conditions, while significantly reducing costs by reduced nitrogen consumption.

Save money with significantly reduced CO₂ and N₂ consumption

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

Easy cleaning and reliable contamination prevention

- > Seamless chamber
- > Easy disassembly
- > Fanless design
- > High temperature disinfection
- > Options for small segmented inner doors



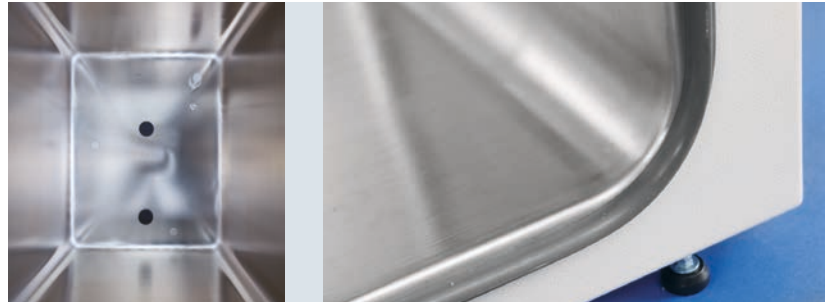
For Cell Cultivation Under Hypoxia

Hypoxia incubator models

- > O₂ control options:
CellXpert C170i: 0.1–20 % or 1–20 %
Galaxy 48 R: 0.1–19 % or 1–19 %
- > 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 (CellXpert: 4/8-, Galaxy 48 R: 2-segmented)

Additional features

- > Enhanced vibration and turbulence protection:
No fan inside
- > Easy cleaning and disinfection: Seamless chamber, easy disassembling in a few seconds
- > Save lab space: two devices stackable



Nowhere to hide for contaminants and quickly cleaned: Smooth, seamless, and fanless incubator chambers of the CellXpert C170i (left) and Galaxy 48 R (right)



Available with small segmented inner doors to minimize hypoxia disturbance (CellXpert C170i shown here)

CellXpert C170i

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

White Paper: [How to save money and lab space with the CellXpert CO₂ Incubators](#)

Learn more:

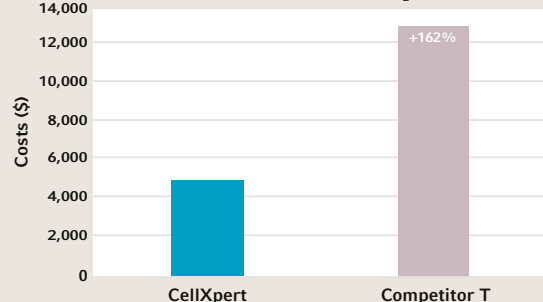
www.eppendorf.com/c170i

Galaxy 48 R

Learn more:

www.eppendorf.com/Galaxy48R

Cost Comparison for N₂ and CO₂ for Hypoxic Conditions (5 % O₂) over 5 years



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](#))

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