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CellXpert® CO_2 Incubators: C170i or C170?



Your Requirements	CellXpert C170i	CellXpert C170
Will you be cultivating cells under hypoxic / low O_2 conditions?	Yes or maybe ☐	No ☐
Do you have to fulfill a requirement for 180 °C sterilization?	Yes ☐	No ☐
Is water level or relative humidity monitoring necessary today or in the future?	Yes or maybe ☐	No ☐
Do you require comprehensive documentation (e.g. incubation conditions)?	Yes ☐	No ☐
Do you need user management to restrict access to setpoint changes?	Yes ☐	No ☐
Do you require alerts and reminders for regular tasks and maintenance?	Yes ☐	No ☐
Do you require a door handle on the left side?	Yes ☐	No (changeable later) ☐
Do you have to fulfill a requirement for a copper chamber?	Yes ☐	No ☐

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> Learn more about CellXpert CO_2 Incubators at: www.eppendorf.com/co2-incubators

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	CellXpert C170i	CellXpert C170
Display	VisioNize® touch interface	softkey operated LCD display
High temperature disinfection (HTD)	180 °C standard	140 °C standard
Water level/Humidity monitoring	optional	–
In-field upgradeable options	> door handle position > O_2 control > water level sensor/monitoring > relative humidity sensor/monitoring > 4- or 8-segmented inner doors	> door handle position > 4- or 8-segmented inner doors
Capacity	170 L (6.0 ft^3)	
Dimensions external (W × D × H)	71.8 × 71.5 × 90.0 cm (28.3 × 28.1 × 35.4 in)	
Dimensions internal (W × D × H)	53.9 × 44.5 × 69.2 cm (21.2 × 17.5 × 27.2 in)	
Weight w/o accessories	107 – 113 kg (236 – 249 lb)	
Benchtop (B), Under Bench (U), Floor (F) or Stackable (S)	B, U, F, S (x2)	
Inner door segment options	> unsegmented > 4 segments > 8 segments	> unsegmented > 4 segments
Temperature range	ambient +4 °C to 50 °C	
Temperature control increment	0.1 °C	
Temperature stability at 37 °C	±0.1 °C	
Temperature accuracy	±0.4 °C	
Temperature sensors	independent, various locations	
CO_2 range	0.1 – 20 %	
CO_2 control increment	0.1 %	
CO_2 stability at 5 % CO_2	±0.1 %	
CO_2 accuracy at 5 % CO_2	±0.3 %	
CO_2 sensor	dual-channel infrared (IR) sensor (high temperature resistant)	
O_2 range (optional)	1 – 20 % (in-field upgradeable)	–
O_2 control increment	0.1 %	–
O_2 stability	±0.1 %	–
O_2 accuracy	±0.25 %	–
O_2 sensor	platinum-coated ZrO_2 (high temperature resistant)	–
Access ports	2	
Pore size in-line gas filter	0.2 µm	
BMS relay	standard	
Number of shelves (included/max)	4/8	3/8
Copper options	chamber, water tray, shelves	water tray, shelves
On-board data logging	standard	–
Data export interface	USB, Ethernet, VisioNize ready	Ethernet, VisioNize ready (requires VisioNize box)
Produced in	Hamburg, Germany	

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