

# CellXpert® CO<sub>2</sub> Incubators: C170i or C170?



Your Requirements	CellXpert C170i	CellXpert C170
Will you be cultivating cells under hypoxic / low O <sub>2</sub> conditions?	Yes or maybe <input type="checkbox"/>	No <input type="checkbox"/>
Do you have to fulfill a requirement for 180 °C sterilization?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Is water level or relative humidity monitoring necessary today or in the future?	Yes or maybe <input type="checkbox"/>	No <input type="checkbox"/>
Do you require comprehensive documentation (e.g. incubation conditions)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Do you need user management to restrict access to setpoint changes?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Do you require alerts and reminders for regular tasks and maintenance?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Do you require a door handle on the left side?	Yes <input type="checkbox"/>	No (changeable later) <input type="checkbox"/>
Do you have to fulfill a requirement for a copper chamber?	Yes <input type="checkbox"/>	No <input type="checkbox"/>



**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	<ul style="list-style-type: none"> <li>&gt; door handle position</li> <li>&gt; O<sub>2</sub> control</li> <li>&gt; water level sensor/monitoring</li> <li>&gt; relative humidity sensor/monitoring</li> <li>&gt; 4- or 8-segmented inner doors</li> </ul>	<ul style="list-style-type: none"> <li>&gt; door handle position</li> <li>&gt; 4- or 8-segmented inner doors</li> </ul>
Capacity	170 L (6.0 ft <sup>3</sup> )	
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	<ul style="list-style-type: none"> <li>&gt; unsegmented</li> <li>&gt; 4 segments</li> <li>&gt; 8 segments</li> </ul>	<ul style="list-style-type: none"> <li>&gt; unsegmented</li> <li>&gt; 4 segments</li> </ul>
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 <sub>2</sub> range	0.1 – 20 %	
CO <sub>2</sub> control increment	0.1 %	
CO <sub>2</sub> stability at 5 % CO <sub>2</sub>	±0.1 %	
CO <sub>2</sub> accuracy at 5 % CO <sub>2</sub>	±0.3 %	
CO <sub>2</sub> sensor	dual-channel infrared (IR) sensor (high temperature resistant)	
O <sub>2</sub> range (optional)	1 – 20 % (in-field upgradeable)	-
O <sub>2</sub> control increment	0.1 %	-
O <sub>2</sub> stability	±0.1 %	-
O <sub>2</sub> accuracy	±0.25 %	-
O <sub>2</sub> sensor	platinum-coated ZrO <sub>2</sub> (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	

Your local distributor: [www.eppendorf.com/contact](http://www.eppendorf.com/contact)

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