

Perfusion chambers

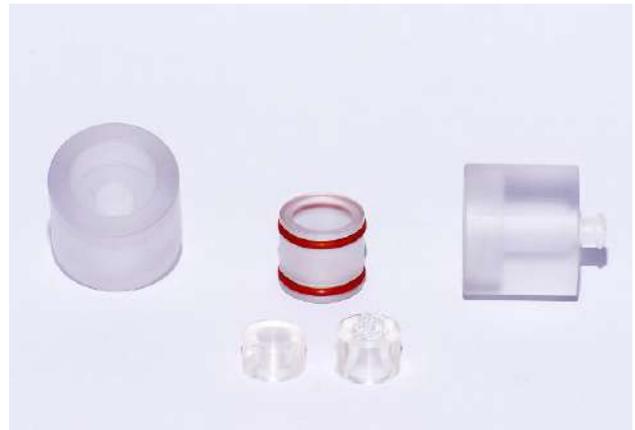
Chambers for 3D cell culture



Perfusion Chambers CC050

Perfusion chambers for 3D cell culture, suitable for porous scaffolds of various sizes. Inlet and outlet port with luer connection and barbed connectors, for 1/32", 1/16" or 1/8" ID tubing. Entirely made of polycarbonate, these perfusion chambers are completely autoclavable and equipped with silicone scaffold holders of different dimensions, to host cylindrical scaffolds of various diameters and height in the same perfusion chamber.

These culture chambers are designed for a confined perfusion of cylindrical scaffolds of different sizes. Designed to maintain sterility inside the chamber, made of biocompatible and autoclavable materials. Easy to assemble and disassemble, in conformity with GLP requirements.



Perfusion chambers CC050 main features are:

- compatible with our InFlow perfusion bioreactor
- adaptable to any perfusion circuit for cell culture (peristaltic pump)
- flexible: thank to scaffold holder you can host different sized scaffold in the same chamber
- confined perfusion
- easy to handle
- ergonomic
- easy to disassemble for cleaning procedure
- geometry reduce impact on fluid dynamic (no stagnation point)
- autoclavable
- comply with GLP / GMP

Scaffold holders

Silicone scaffold holders for perfusion chambers, suitable for 3D cell culture applications and tissue engineering. Increase flexibility of our perfusion chambers, allowing to host cylindrical porous scaffolds of different diameters and height within the same chamber. All parts are made of biocompatible silicone, completely autoclavable or, as an alternative, provided in single sterile packages.

TECHNICAL DATA

Materials	Polycarbonate; silicone (scaffold holder)
Weight	Approx 0.1 kgs
Dimensions	∅: 37 x H: 11 mm
Hosted scaffold dimension	∅: 6, 8, 10 mm x H: 2, 4 mm

ORDERING DETAILS

Product code CC050

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