

What is the Corning cellcube system?

The Corning CellCube system provides a compact, perfusion-based method for the mass culture of attachment-dependent cells. CellCube modules consist of a series of 10, 25, or 100 parallel, polystyrene plates joined to create thin, sealed laminar flow spaces between adjacent plates.

What are cellcube modules?

CellCube modules consist of a series of 10,25,or 100 parallel,polystyrene platesjoined to create thin,sealed laminar flow spaces between adjacent plates. CellCube modules are available with either a Tissue Culture (TC)-treated growth surface or Corning CellBIND® surface for cell attachment.

What surface treatments are available for cellcube modules?

CellCube modules are available with either a Tissue Culture (TC)-treated growth surface or Corning CellBIND[®] surface for cell attachment. The surface treatment is applied to both sides of each layer to achieve available surface area ranging from 8,500 cm² to 85,000 cm² in a compact footprint.

How does the cellcube system work?

Utilizing a perfusion-based design, the CellCube system is able to mimic the constant fluid flow of in vivo conditions and reliably distribute nutrients and oxygen with low differential gradients across all attached cells throughout the modules.

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Corning®; CellCube®; Tubing Manifold, 3/8"ID Thermoelastic Tubing, Cross Connection, 4 Aseptic Connectors Product Number 3235. Corning EcoChoice(TM) products are produced, packaged, and/or distributed in an environmentally friendly manner following United States Government Federal Trade Commission (FTC) Guidelines [Learn More](#).

The Corning CellCube system provides a fast, simple, and compact method for the mass culture of attachment-dependent cells. It uses a tissue culture-treated growth surface for cell attachment, and continually perfuses the cells with fresh medium for increased cell productivity. The CellCube system provides an environment which more closely simulates *in vivo* conditions and reliably ...

CellCube system, the design of the modules allows for reliable distribution of nutrients and oxygen with low differential gradients across all cells within the modules. Corning CellCube 100-layer module Digital controller* Peristaltic pump* Loop 1 Base Gas Loop 2 Outlet Inlet SUB* Figure 1.Schematic of the Corning CellCube Closed System.

The Corning CellCube system provides a compact, perfusion-based method for the mass culture of attachment-dependent cells. CellCube modules are made of polystyrene plates joined together to create thin, sealed laminar flow spaces between adjacent plates and are coated with either a Tissue Culture-treated growth surface or Corning CellBIND[®]; surface to enhance attachment.

Introducing Corning's Closed System Cell Cube - a new closed system offering designed to help reduce the risk of adventitious contamination. Our new offering of CellCube 10, 25, 100 modules, circulation loops, and connectors allows for easy adherent cell scale-up that integrate seamlessly with AsepticQuik[®]; and MPC connectors. 85,000 cm²; Surface Area Corning TCT surface ...

The CellCube Culture System Clean Room Cart is a device designed for simplified installation, filling, seeding, operation and harvesting of up to four 100-layer CellCube modules. The cart is ...

The CellCube Module is an integral, encapsulated, sterile, single-use device that is 100% pressure-hold tested before shipment. It is comprised of a series of parallel, styrene plates ...

Corning CellCube ?? ...

The CellCube Culture System Clean Room Cart is a device designed for simplified installation, filling, seeding, operation and harvesting of up to four 100-layer CellCube modules. The cart is a stainless steel, autoclavable, mobile rack that can hold four CellCube modules in a small footprint. The modules can be rotated 360 degrees, and has an adjustable wheelbase which can be ...

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CellCube ?? 100% ?????????????????????????????????? ...

Corning's Closed System CellCube[®]; Modules are now available with CellBIND[®]; surface treatment. A complete range of standard closed system accessories integrate seamlessly with AsepticQuik[®]; and MPC connectors for total adherent cell culture workflow solutions. Stands and carts are also available to link multiple CellCubes, enabling modular scale out in a small ...

