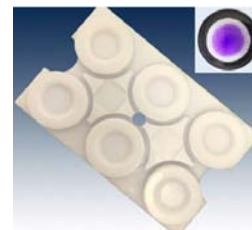


NEW! 6-well BioFlex® Cell Seeder

Optimizes plating of cells to the central area of a 6-well BioFlex® membrane for uniform application of strain.

- Confines cells during plating and adhesion to the central area of the BioFlex® membrane that will glide over the 25 mm Loading Station™ during strain.
- Cells in the central area are subjected to well defined equibiaxial strains.
- The BioFlex® Cell Seeder is only required for seeding cells onto the membrane during the cell adhesion process. After cell attachment, cell feedings and experiments can be conducted according to the users' established protocols.
- Available individually or as a set of 4.



6-well BioFlex® Cell Seeder. Inset shows crystal violet stained monolayer plated using Cell Seeder over a 25 mm cylindrical loading post of the Flexcell® Tension System.



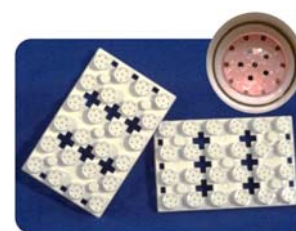
6-well BioFlex® Cell Seeder station in a BioFlex® baseplate well (left picture) and the results of using a BioFlex® Cell Seeder when plating cells to confine them to the area directly above the 25 mm cylindrical loading posts, crystal violet stained cells (right picture).

Cat. No.	Description
BFCS-1000	BioFlex® Cell Seeder (1 piece)
BFCS-4000	BioFlex® Cell Seeder (set of 4)

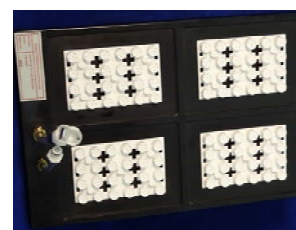
24-well HT BioFlex® Cell Seeder

Plate cells in the central area of the HT BioFlex® membrane where strains are uniform.

- Confines cells during plating to the area of the HT BioFlex® membrane that is directly over the 24-well Loading Station™.
- Prevents cells from being subjected to undefined strains during strain application.
- The HT Cell Seeder™ is only required for seeding cells onto the membrane. After cell attachment, cell feedings and experiments can be conducted according to the users' established protocols.
- Available as a set of 4.



24-well HT Cell Seeders™. The inset shows the suspension volume within the HT Cell Seeder™.



HT Cell Seeders™ in a 24-well HT Baseplate.

Cat. No.	Description
HTCS-3000	HT BioFlex® Cell Seeder (set of 4)

Cellular Biomechanical Systems

2D/3D Cell Culture ▪ Tension ▪ Compression ▪ Shear Stress ▪ Tissue Engineering

Used worldwide for more than 4000 publications in scientific journals such as “Circulation”, “Journal of Cell Biology”, “Nature”, “PNAS”, and many more.



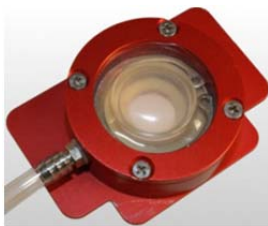
Tension System



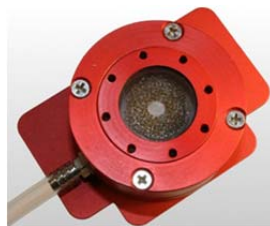
Compression System

Tension & Compression Systems: Computer regulated bioreactors that apply cyclic or static tensile strains or compression to cells cultured *in vitro*.

Tissue Train® Culture System: 3D cell culture in a gel matrix with or without cyclic uniaxial tension.



StageFlexer®



StagePresser™



ScanFlex™



FlexFlow™

Microscopy Devices: Single-well devices of the Tension or Compression apparatus to observe signaling responses to strain in real time on a microscope stage.

ScanFlex™: Scans and saves images of 3D tissue constructs.

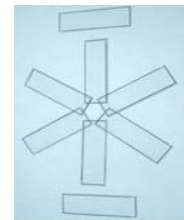
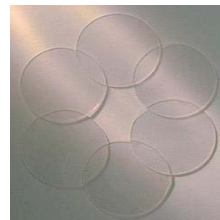
Flow Devices & Controllers: Apply fluid shear stress to cells with the Streamer® and FlexFlow™ systems, regulate oscillatory and pulsatile flow with the Osci-Flow®.



Flexible Rubber Bottom



Linear



6- and 24-well Culture Plates: Grow and stretch your cells on six different matrix bonded growth surfaces (and untreated) for use with Flexcell's® Tension, Tissue Train® and Compression systems.

Membranes: Six different matrix bonded growth surfaces (and untreated) for use with StageFlexer® and FlexFlow™, untreated membranes for use with StagePresser™.

Culture Slips®: Surface treated slides for use with Streamer® and FlexFlow™.