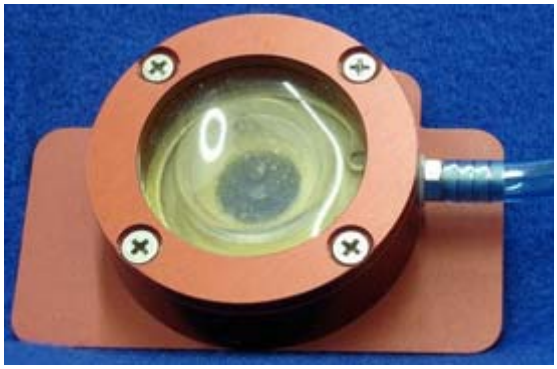
Microscopy

FLEXCELL® STAGEFLEXER®

(cat. no. SF-3000)

A single-well embodiment of a BioFlex culture plate well

- ***StageFlexer consists of a single 35 mm well***
- Analyze cellular responses to cyclic or static tension in real-time.
- Contains a valving mechanism that automatically regulates and maintains pressure to provide the specified strain regimen.



Membranes can be deformed using a Flexcell Tension system in the following ways:

- Freely in an open chamber (gradient biaxial strain)
- Across a cylindrical Loading Post (equibiaxial strain)

StageFlexer includes:

- StageFlexer device
- Three cylindrical Loading Posts (25 mm, 28 mm, and 31 mm diameters) used to vary strain magnitudes
- Gaskets, O-ring, snap ring and pliers
- Silicone-based lubricant
- Six StageFlexer membranes

*The StageFlexer requires a standard **(upright)** microscope for viewing cells.

Microscopy

FLEXCELL® STAGEFLEXER® JR.

(cat. no. SF-4000)

- ***StageFlexer Jr. consists of a single 1-inch well designed to accept membranes removed from BioFlex, UniFlex or Tissue Train plates***
- Continue to strain cells while observing responses to real-time on a microscope stage.
- Includes Loading Posts of different geometries to vary strain vectors.

Membranes can be deformed using a Flexcell Tension system in the following ways:

- Freely in an open chamber (gradient biaxial strain)
- Across a cylindrical Loading Post (equibiaxial strain)
- Across an Arctangle Loading Post (uniaxial strain)

StageFlexer Jr includes:

- StageFlexer Jr. device
- One 18,5 mm diameter cylindrical Loading Post
- One Arctangle Loading Post
- Gaskets, O-ring, snap ring and pliers
- Silicone-based lubricant

*The StageFlexer Jr. requires a standard **(upright)** microscope for viewing cells.

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