

Microscopy

FLEXCELL® STAGEFLEXER®

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 state-of-the-art digital valve 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)
- Gaskets, O-ring, snap ring, and pliers
- Silicone-based lubricant
- Six StageFlexer® membranes

**StageFlexer® requires a standard, upright microscope for viewing cells. Shipment weight of kit: 6.1 lbs or 2.8 kg.*

ORDERING INFORMATION (Please contact distributor for pricing)		
Catalog Number	Product/Item	Price
SF-3000	StageFlexer® Microscopy Tension System	

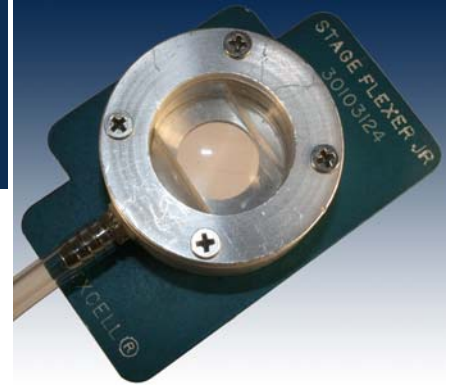
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FLEXCELL® STAGEFLEXER® JR.

- *StageFlexer® Jr. consists of a single 1-inch well designed to accept membranes removed from BioFlex®, UniFlex® or Tissue Train® culture plates.*
- Continue to strain cells while observing responses in 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

**StageFlexer® Jr. requires a standard (upright) microscope for viewing cells. Shipment weight of kit: 6.1 lbs or 2.8 kg.*

ORDERING INFORMATION (Please contact distributor for pricing)		
Catalog Number	Product/Item	Price
SF-4000	StageFlexer® Jr. Microscopy Tension System	