

StageFlexer[®] Jr. Microscopy Device (SF-4000)

Microscopy device for membranes removed from Flexcell[®] culture plates.

- Designed to strain cells in monolayer while observing the cellular activity with an **upright microscope** in real-time.
- Device can be used with FX-6000[™] Tension, FX-6000[™] Tissue Train[®] System, and Flex Jr. Tension System that allow the control of strain frequency, amplitude, waveform, and cycles (or time period).
- 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.
- Membranes can be deformed across a cylindrical Loading Post (equibiaxial strain) or across an Arctangle[®] Loading Post (uniaxial strain).
- StageFlexer[®] Jr. Microscopy Device 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

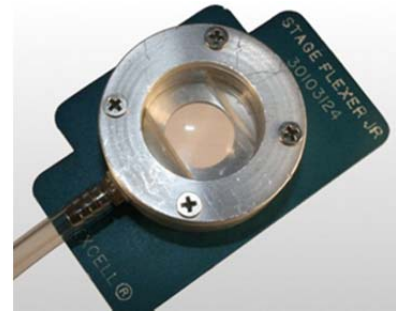


Figure 19. StageFlexer[®] Jr.