Dunn Labortechnik

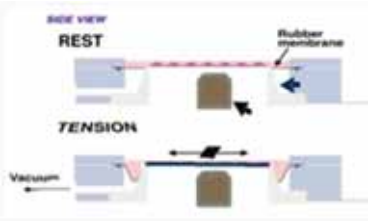
NEW! Inverted StageFlexer I® Microscopy Tension Device (ISF-5000)

Observe cells stretching in real time with either an upright or inverted microscope.

- Designed to strain cells in monolayer while observing the cellular activity with either a standard **upright** or **inverted microscope** in real-time.
- Device can be directly attached to any microscope stage.
- Device can be used with FX-5000™ and FX-6000™ Tension Systems, FX-5000™ and FX-6000™ Tissue Train® System, and Flex Jr. Tension System that allow the control of strain frequency, amplitude, waveform, and cycles (or time period).
- Cells are grown on a 54 mm diameter silicone membrane with a total growth surface area of 22.9 cm^2.
- StageFlexer I® membranes are clamped and sealed to a cylindrical vacuum chamber (equibiaxial strain).
- Membrane stretch ranges from 1.6 % up to 12 %.

- StageFlexer I® Microscopy Device includes:
  - StageFlexer I® body
  - Six sterile StageFlexer I® membranes
  - Silicone-based lubricant
  - StageFlexer I® top ring
  - Six top screws

Inverted StageFlexer I®



Schematic of strain application to cells in a StageFlexer I®

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