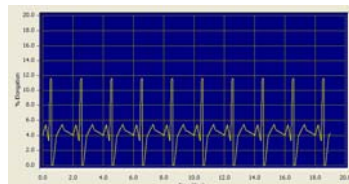




Introducing the Flexcell® FX-5000™ Tension and Compression Systems

Apply cyclic or dynamic strain to your cells or tissue constructs

Features	FX-5000	FX-4000
<i>Custom waveforms</i>	Import waveform from Excel file to create custom waveform shapes	Create custom waveform shapes with template feature in FX-4000 software
<i>Frequency range</i>	0.01 – 5 Hz	0.1 – 5 Hz
<i>Help functions</i>	Tutorials and wizards for configuring users, creating regimens, & starting regimens	Not available
<i>Safeguards</i>	Returns error when user enters % elongation value out of range of the capabilities of the controller or loading stations	Not available
<i>Data analysis</i>	Program for viewing raw data (pressure values) and moving average of data	Users can only take screen shots of regimen plot
	Export data files to Excel for statistical analysis	Not available
<i>LCD display</i>	Displays controller status and regimen information	Not available
<i>Vacuum pump control (Tension only)</i>	Automatically turns pump ON and OFF	Not available
<i>Pressure/Force conversion calculator (Compression only)</i>	Converts pressure (in kPa) to force (in lbs), or vice versa.	Not available
<i>Regimen progression</i>	Visual timeline showing the % regimen completed	Not available
	Running time box and plot	Running time box and plot
	LCD displays time remaining in regimen	Not available



Custom waveforms for simulating tissue level strains

Contact Flexcell International or distributor for ordering and pricing information on the FX-5000™ Tension or Compression System.

Flexcell® International Corporation

Culturing Cells in a Mechanically Active Environment™

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