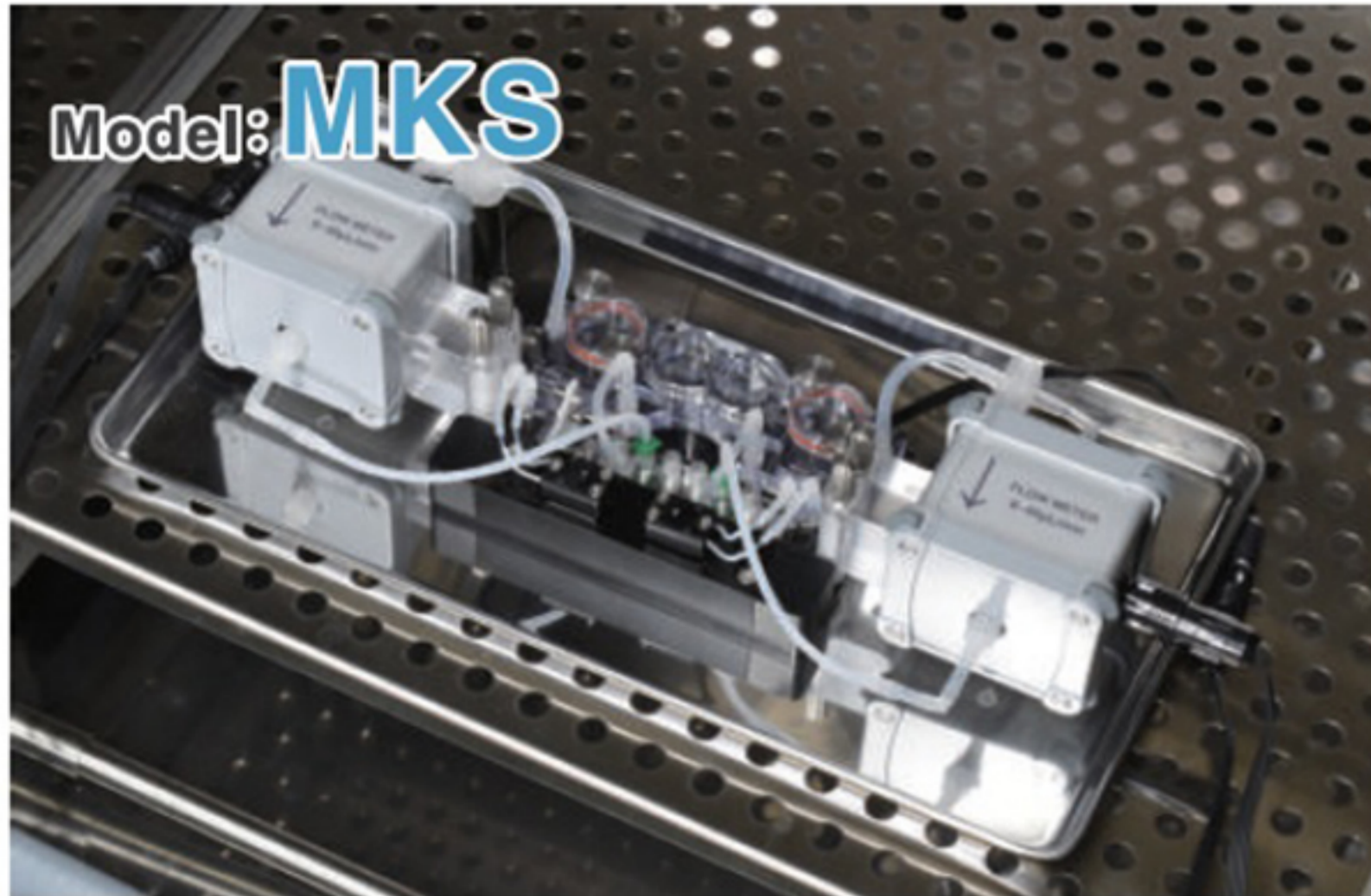


Achieve μ -order perfusion cultures in the CO₂ incubator and under the microscope

MKS series **Micro Perfusion System**

Application: Constant Flow Perfusion / Perfusion Culture / Tissue Engineering / 3D Culture / Organoid / Biomimetics / MPS / Micro Flow Path / Time-lapse Imaging



Compact design and simultaneous control of 2 channels independently.

Time-lapse is possible by combining usage with the Stage Top Incubator

Time-lapse imaging is possible while micro-perfusing and culturing under a microscope.

Flow control and monitoring

Constant flow rate perfusion is possible with the flow rate feedback function using a sensor.

It is possible to control the set flow rate, even if the state of the flow path changes.

Can be installed in a CO₂ incubator

The culture system can be installed in the CO₂ incubator due to the moisture-proof design and shield technology.



Feedback Mode Flow rate setting range: 0.5 - 40.0 μ l/min
*Forward perfusion only

Constant Pressurization Mode Flow rate setting range: 0.5 - 40.0 μ l/min
*Perfusion in Forward and Reverse directions is possible

