

Fluid Processing Cassette

Techshot Fluid Processing Cassettes contain a multi-bag system capable of supporting cell suspensions or microcarrier beads. They are highly customizable, with multiple pumps and valves to allowing mixing, culturing and fixation of cells.

Each cassette contains a flexible combination of feed, culture and fixation biocompatible bags with valves and pumps programmable for a variety of feeding, culturing and fixing protocols. The experimenter can reconfigure bags, pumps and valves, feed, treat and fix organisms in liquid suspensions and utilize manual or computer activation and operation.



Fluid Processing Cassettes are operated inside the Techshot ADvanced Space Experiment Processor.

Feed, treat and fix organisms in liquid suspensions:

- Bacteria for gene expression experiments
- C. elegans
- Cell culturing

Techshot offers a comprehensive suite of professional tools for conducting research in space. Fluid Processing Cassettes can work in combination with many of them as a single, complete, and effective solution for transferring, processing and analyzing high-value samples on orbit.

Fluid Processing Cassette+ADSEP+ACT²+Mic-E+LMM-DS