

LiveFLOW

LiveFlow is a compact and low weight peristaltic pump, compatible with the incubator environment. Two removable heads drive up to two independent fluidic circuits/head. LiveFlow is equipped with a drawer able to house up to 4 LiveBox. Therefore, it is possible to run up to 4 experiments in parallel. Each head is driven by a motor, enabling a flow rate in the range 50-500 $\mu\text{L}/\text{min}$ (increase/decrease step: 10 $\mu\text{L}/\text{min}$). The intuitive and user-friendly human interface permits a quick and easy set-up of the system.



Dimensions [w×l×h, cm]	21.5×16×14.5
Power supply (by provided cable)	12 V; 7.2 W
Flow rate range [$\mu\text{L}/\text{min}$]	50-500
Weight	1.5 Kg

Versions:

- **LiveFlow:** the pump provides a constant flow rate and flow direction, basing on the user's needs.
- **LiveFlow PRO:** the pump can work in a constant mode or in a programmable mode. In this case, the user introduces a time duration of the experiment and decides up to 3 cyclic periods. Each period is characterized by a flow rate and a flow direction. The pump autonomously adjusts the working conditions, following the user's set up.
- **LiveFlow PLUS:** the pump is equipped with powerful motors to meet the user's needs in case of a fluidic circuit characterized by a high back pressure. The flow rate range is 20-200 $\mu\text{L}/\text{min}$ (increase/decrease step 4 $\mu\text{L}/\text{min}$).