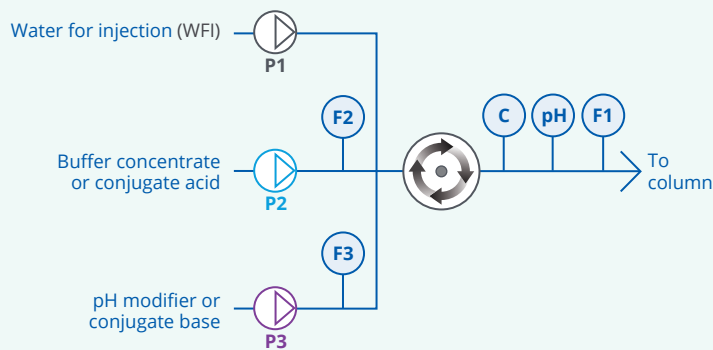




Straight-Forward Buffer Formulation

Our 3-pump inline buffer formulation systems provide dilute and conditioned buffers constructed from up to three streams. One larger pump is used to deliver the diluent, typically WFI or purified water, into the system. And two smaller pumps can deliver buffer concentrate and an acid or base modifier, respectively. The built-in automation software – OCELOT™ System Control – can near-effortlessly regulate the blend to exact specifications using conductivity and pH feedback control, or alternatively mass flow control.

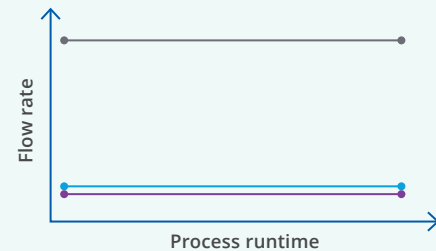
Sensors: **F** = Flow rate **C** = Conductivity **pH**



Achieve constant, controlled flow rates from all incoming process streams

+/- 0.1 mS/cm or better

+/- 0.1 pH or better



MOTIV 310	MOTIV 312	MOTIV 325	MOTIV 350
60 – 1000 L/h	120— 1200 L/h	Up to 2500 L/h	500 – 5000 L/h
Mobile console format	Space-saving skid format	Space-saving skid format	Space-saving skid format
Clinical scale manufacturing	Large scale manufacturing	Large scale manufacturing	Large-scale manufacturing
Up to 20x dilution	Up to 20x dilution	Up to 20x dilutio	Up to 20x dilution
770mm x 1500mm x 1610mm	770mm x 1500mm x 1610mm	1370mm x 762mm x 1854mm	1990mm x 1220mm x 1880mm

Note: Dimensions are approximate. Customized systems for unique applications are also available.

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