

BioFlux System Selection Guide



System	BioFlux One	BioFlux 200	BioFlux DCIS	BioFlux 1000z
Overview	The most cost-effective BioFlux system	The solution for labs with a microscope	The fully integrated, easy to use solution	The fully customized solution
Throughput	24 flow assays	24 flow assays (96 with Quattro)	24 flow assays (96 with Quattro)	24 flow assays (96 with Quattro)
Fits in hood	✓	✓	✓	
Temperature control	Optional	✓	✓	✓
Plate formats	48-well	48-well 24-well (2 inlet)	48-well 24-well (2 inlet) 6-well	48-well 24-well (2 inlet) 6-well
Microscope	Use existing	Use existing	Standard configuration	Fully customizable
<i>Autofocus</i>			✓	✓
<i>Camera</i>			2 (monochrome and color)	User-defined
<i>Epifluorescence</i>			✓	✓
<i>Filter cubes</i>			DAPI, GFP, RFP	User selected
<i>Motorized stage</i>			✓	✓
<i>Onstage incubator</i>			Optional	Optional enclosure
<i>Fluorescence</i>			4 channels	6 channels
<i>Objectives</i>			10X and 20X included, 5 positions total	10X and 20X included, 6 positions total
<i>Endpoint and live cell imaging</i>			✓	✓
<i>Automated plate scanning</i>			✓	✓
Cell analysis software	BioFlux Analysis software included Montage software optional	BioFlux Analysis software included Montage software optional	BioFlux Analysis software included Montage Offline software included	Integrated advanced control and analysis with Montage software

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One-phase flow applications	✓	✓	✓	✓
<i>Platelet aggregation</i>	✓	✓	✓	✓
<i>Biofilm formation</i>	✓	✓	✓	✓
<i>Host-pathogen interactions</i>	✓	✓	✓	✓
<i>Rolling/adhesion</i>	✓	✓	✓	✓
<i>Stem cells</i>	✓	✓	✓	✓
<i>Transmigration</i>	✓	✓	✓	✓
Two-phase flow applications		✓	✓	✓
<i>Chemotaxis</i>		✓	✓	✓
<i>Wound healing</i>		✓	✓	✓
<i>Migration/invasion</i>		✓	✓	✓
<i>Cell homing</i>		✓	✓	✓
<i>Angiogenesis</i>		✓	✓	✓
Upgrades	✓	✓	✓	✓
<i>Pulsatile flow</i>	✓	✓	✓	✓
<i>Environmental control</i>	✓	✓	✓	✓
<i>Dual gas</i>		✓	✓	✓

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