

The first integrated programmable fluidics, gas and temperature control Micro-Incubation System enabling live cell time-lapse imaging



## SmartSlide™ Micro-Incubation System – Comparison Chart

Advancing the science of tomorrow today.

SmartSlide™ Micro-Incubator	SS-50	SS-100	SS-150	SS-200
SmartSlide-6™ Compatibility <ul style="list-style-type: none"> <li>SBS compliant plate</li> <li>170μ glass bottom</li> <li>500μ glass lid</li> <li>Temperature controlled base</li> <li>Temperature controlled lid</li> <li>Integrated gas flow</li> </ul>	X	X	X	X
<b>Integrated Media Fluidics</b>				
Single Media Bottle		X	X	X
Three (3) Media Bottles			X	X
Six (6) Media Bottles				X
Media Perfusion				X
<b>Gases</b>				
CO <sub>2</sub> , O <sub>2</sub> , N <sub>2</sub>	Premixed	Premixed	Premixed	
CO <sub>2</sub> , O <sub>2</sub> , N <sub>2</sub>				Gas Mixer
<b>Imaging Applications</b>				
Live Cell Imaging for Hours, Days, or even Weeks	X	X	X	X
Live Cell Confocal or Widefield	X	X	X	X
High Magnification & NA (Numerical Aperture) Imaging	X	X	X	X
DIC (Differential Interference Contrast) Imaging	X	X	X	X
Stem Cells	X	X	X	X
Hypoxia/Anoxia				X
Cell Differentiation	X	X	X	X
Chemotaxis	X	X	X	X
Cell Motility & Migration	X	X	X	X
Cytotoxicity	X	X	X	X
Apoptosis	X	X	X	X