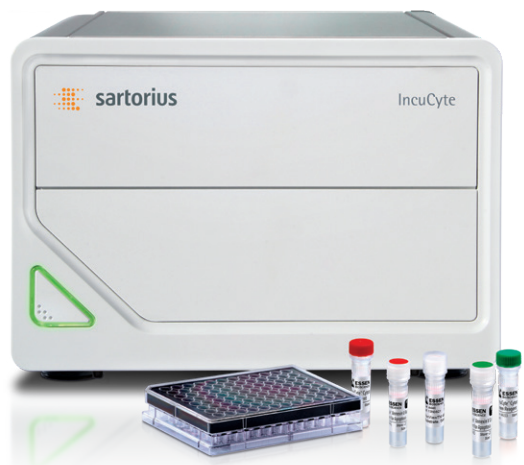


Technical Specifications

IncuCyte® SX1 Live-Cell Analysis System



Operating Systems:	64-bit Windows 7 / Windows 8 / Windows 8.1 / Windows 10			Network Connection:	Ethernet 10/100/1000 Mbps
Available Objectives:	4X / 10X / 20X Note: Minimum of one objective must be purchased separately			Power:	100-240 VAC 50/60Hz 3.5 Amps max @ 120V 1.75 Amps max @240V
Image Resolution:	4X: 2.82 um/pixel 10X: 1.24 um/pixel 20X: 0.62 um/pixel			Controller Dimensions (H X W X D):	5.5" X 17.0" X 22.7" 14.0 cm X 43.2 cm X 57.7 cm
Exported Image Formats:	JPEG, PNG, TIFF, MetaMorph Multi Dimensional File v2.0, Meta Imaging Series TIFF (Single / Multi-Plane) v1			Controller Weight:	41 lbs / 18.6 Kg
Exported Movie Formats:	WMV / AVI / MPEG-4			Microscope Dimensions (H X W X D):	12.6" X 17.7" X 18.8" 32.0 cm X 45.0 cm X 47.8 cm
Fluorescence Excitation/ Emission:	Channel	Excitation	Emission	Microscope Weight:	52 lbs / 23.6 Kg
	Green	440-480 nm	504-544 nm	Controller Operating Environmental Conditions:	0° to 33°C 5% to 90% RH Non-Condensing
	Red	565-605 nm	625-705 nm	Microscope Operating Environmental Conditions:	0° to 42°C 5% to 95% RH Non-Condensing
Internal Data Storage:	16.4 TByte RAID Hard Drive 48 GByte RAM				

IncuCyte® SX1 Supported Applications and Objectives

Application	Compatible Objectives		
	4X	10X	20X
Cell Health & Proliferation			
Confluence	●	●	●
Cell Counting Adherent*		●	
Cell Counting Non-adherent*			●
Apoptosis	●	●	●
Cytotoxicity	●	●	●
Single Spheroid Growth & Health*	●	●	
Multi-Spheroid Growth & Health*		●	
Cell Cycle†	●	●	●
Cell Function			
Immune Cell Killing	●	●	●
Antibody Internalization†		●	●
Phagocytosis		●	●
NETosis	●	●	●
Angiogenesis*	●	●	
Live-Cell Immunocytochemistry†		●	●
Cell Movement and Morphology			
Chemotaxis*		●	
Scratch Wound*	●	●	●
Immune Cell Clustering & Proliferation†	●	●	●
Neurite Outgrowth*		●	●
Cell Culture Workflows			
Cell Culture QC	●	●	●
Dilution Cloning	●		
Whole Well	●		
Reporter Genes†	●	●	●
Stem Cell Monitoring & Reprogramming	●		
Transfection Efficiency†	●	●	●
Other			
Image Lock*	●	●	●

*Requires software module

† Additional software available for enhanced analysis