



IncuCyte[®] S3

Live-Cell Analysis System

Technical Specifications

OPERATING SYSTEMS 64-bit Windows 7 / Windows 8 /
Windows 8.1 / Windows 10

OBJECTIVES 4X / 10X / 20X

IMAGE RESOLUTION **4X:** 2.82 um/pixel
10X: 1.24 um/pixel
20X: 0.62 um/pixel

EXPORTED IMAGE FORMATS JPEG, PNG, TIFF,
MetaMorph Multi Dimensional File v2.0,
Meta Imaging Series TIFF (Single / Multi-
Plane) v1

EXPORTED MOVIE FORMATS WMV / AVI / MPEG-4

FLUORESCENCE EXCITATION/EMISSION DUAL COLOR MODULE 4614	Channel	Excitation	Emission
	Green	440–480 nm	504–544 nm
	Red	565–605 nm	625–705 nm

INTERNAL DATA STORAGE 16.4 TByte RAID Hard Drive
48 GByte RAM

NETWORK CONNECTION Ethernet 10/100/1000 Mbps

POWER 100-240 VAC 50/60Hz
3.5 Amps max @ 120V
1.75 Amps max @ 240V

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

CONTROLLER WEIGHT 41 lbs / 18.6 Kg

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

MICROSCOPE WEIGHT 52 lbs / 23.6 Kg

CONTROLLER OPERATING 0° to 33 °C
ENVIRONMENTAL CONDITIONS 5% to 90% RH Non-Condensing

MICROSCOPE OPERATING 0° to 42 °C
ENVIRONMENTAL CONDITIONS 5% to 95% RH Non-Condensing

