[붙임6] 장비(CellInsight CX5) 사양서(카달로그)

Cell analysis

CellInsight CX5 HCS Platform

Thermo Scientific™ CellInsight™ CX5 HCS Platform—technical specifications

Optics		
Camera	Photometrics™ high-resolution fluorescence camera: • High-resolution, thermoelectrically cooled to 0°C • 75% peak quantum efficiency (QE) • 4.54 micron pixel size	
Light source	LED, solid-state, 5-color light engine used with provided filter sets; offers the following excitation/emission capabilities (Ex/Em, in nm, of Invitrogen™ Alexa Fluor™ dyes): • 386/440 (e.g., Alexa Fluor 350 dye) • 485/521 (e.g., Alexa Fluor 488 dye) • 560/607 (e.g., Alexa Fluor 594 dye) • 650/694 (e.g., Alexa Fluor 647 dye) • 740/810 (e.g., Alexa Fluor 750 dye)	
Objectives	**Standard (Olympus™ objectives):** • 10x (0.3 NA) • 20x (0.4 NA)	**Optional (Olympus objectives):** • 2x (0.08 NA) • 4x (0.16 NA) • 40x (0.95 NA) • 60x (0.90 NA)
Image compatibility	JPG, BMP, GIF, PNG, TIF, C01, DIB	
Physical characteristics		
Dimensions (H x W x D)	14.6 x 16.3 x 23.4 in. (37.2 x 41.4 x 59.4 cm)	
Weight	45 kg (99.2 lb)	
System		
Data management	Compatible with Thermo Scientific™ Store™ Image and Database Management Software	
Software	Thermo Scientific™ HCS Studio 5.0 Cell Analysis Software	
PC	Microsoft™ Windows™ 10 professional 64-bit PC with 32 GB (4 x 8 GB) RAM, Intel™ Xeon™ processor with 3.7 GHz Turbo frequency, RAID I controller with 1.8 TB hard drive and 256 boot drive; includes Dell™ 24 in. high-resolution widescreen monitor or equivalent, keyboard, and mouse	
Wattage	300 W	

Ordering information

Instrument	Cat. No.
CellInsight CX5 HCS Platform	CX51110

Find out more at thermofisher.com/hcs

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