

InnoQuant[®]

4-Color whole slide imager

Whole slide HR scanning

No individual field imaging
 Whole scan done at ultra-high resolution
 Up to 0.2µm pixel size
 All information in the same image

Content-based autofocusing

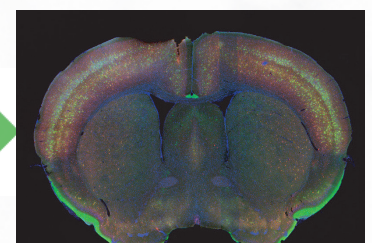
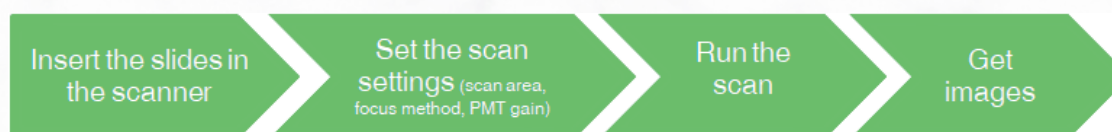
Complete automated dynamic process
 No user intervention

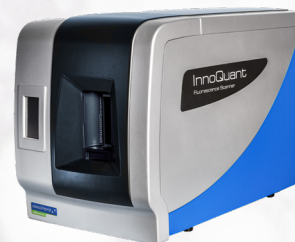
Quantitative fluorescence detection

Innopsys' technology ensure signal repeatability
 High stability on signal excitation/detection along the scan
 and between different scans



Fully automated workflow with real in-content focusing




InnoQuant AL

PIXEL SIZE	0.2µm			
LASER EXCITATION WAVELENGTH	375nm	488nm	532nm	640nm
COMPATIBLE FLUOROPHORES*	DAPI Alexa Fluor 350 Hoechst DyLight 350	FITC Alexa Fluor 488 Cy2 DyLight 488	TRITC Alexa Fluor 555 Cy3 DyLight 550	DRAQ 5 Alexa Fluor 647 Cy5 DyLight 650
LOADER CAPACITY	24 slides			
DETECTION TYPE	Real-time confocal with 4 analog multialkali photomultipliers (PMT)			
PMT GAIN	Adjustable from 0 to 100% (Linear from 1 to 100%)			
FILTER WHEEL	7 position filter wheel for customized filter adding			
FOCUS	3 different focus options Full automated in-content focus; Real time autofocus; Fixed focus			
SLIDE SIZE	Compatible with all standard microscope slides: 25-26 x 75-76 mm ² / 1" x 3" ; thickness: 0.9 - 1.2 mm			
SCANNING AREA	Adjustable up to 26 x 74 mm ²			
SCANNING SPEED	35 lines/second (l/s) 20 minutes for a 22x22 scan area at 0.5µm/pixel (4 color simultaneous acquisition)			
DYNAMIC RANGE	> 10 ⁴ in normal mode			
UNIFORMITY	> 95%			
BARCODE READER	Automatic barcode reading			
INTERFACE	Ethernet interface			
IMAGE FORMAT	TIFF (8 or 16 bit); Pyramid TIFF			
POWER SUPPLY	~ 100-240 VAC, 1.2 A, 50-60 Hz			
DIMENSIONS (LXDXH)	429 x 682 x 521 mm ³			
WEIGHT	52 kg (114.64 lbs)			

* Non exhaustive list, please contact us for more information about fluorophore compatibility
Please contact us for any additional information.

Class I laser product for research use only
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Specifications subject to change without notice contact us for the most recent specifications

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