

# InnoScan<sup>®</sup> 710

## 2-Color fluorescence microarray scanners

### Reliable results

3µm/pixel resolution  
 Confocal detection scanner equipped  
 2 extremely sensitive photomultiplier tubes

### Speed

Simultaneous confocal PMT detection  
 All standard microscope slides  
 The fastest scanner on the market

### Routine use

Real-time autofocus  
 Ideal for high-throughput applications  
 Full automated process



Image acquisition & analysis software



Autoloader 24 slides




**InnoScan 710**

PIXEL SIZE	3 - 40µm	
LASER EXCITATION WAVELENGTH	532nm	635nm
COMPATIBLE FLUOROPHORES*	Cy3, Alexa Fluor 546 & Alexa Fluor 555	Cy5, Alexa Fluor 647 & Alexa Fluor 660
LASER POWER	Adjustable (2 laser powers)	
LOADER CAPACITY	1 slide	
DETECTION TYPE	Real-time confocal with 2 photomultipliers (PMT)	
PMT GAIN	Adjustable from 0 to 100% (Linear from 1 to 100%)	
OPTICAL FILTER	1 standard fluorescent filter by detection channel	
FOCUS	Real-time autofocus Manual focus: offset adjustment 300 µm range, 1 µm increment	
SLIDE SIZE	Compatible with all standard microscope slides: 25-26 x 75-76 mm <sup>2</sup> / 1" x 3" ; thickness: 0.9 - 1.2 mm	
SCANNING AREA	Adjustable up to 22 x 74 mm <sup>2</sup>	
SCANNING SPEED	From 10 to 35 lines/second (l/s) 3.6 minutes per slide at a resolution of 10 µm/pixel for a simultaneous two-color acquisition	
DYNAMIC RANGE	> 10 <sup>4</sup> in normal mode or > 10 <sup>6</sup> in dynamic extension mode	
UNIFORMITY	> 95%	
BARCODE READER	Automatic barcode reading	
INTERFACE	Ethernet interface	
IMAGE FORMAT	TIFF (16-bit and 20-bit in dynamic extension mode)	
POWER SUPPLY	~ 100-240 VAC, 1.2 A, 50-60 Hz	
ACQUISITION SOFTWARE	MAPIX (image acquisition and spot quantification software)	
DIMENSIONS (LXDXH)	278 x 457 x 369 mm <sup>3</sup> 10.8" x 18.0" x 14.5"	
WEIGHT	15.5 kg (34.2 lbs)	

**InnoScan 710 AL**

LOADER CAPACITY	24 slides
DIMENSIONS (LXDXH)	322 x 656 x 439 mm <sup>3</sup> - 12.7" x 25.8" x 17.3"
WEIGHT	31 kg (62 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