

InnoScan[®] 300-G and 300-R Microarray Scanners

Single-Color

Easy-to-use scanner for
clinical applications



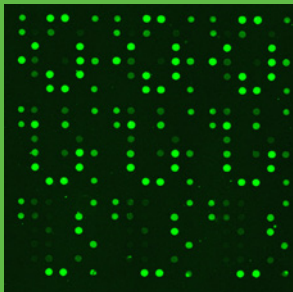
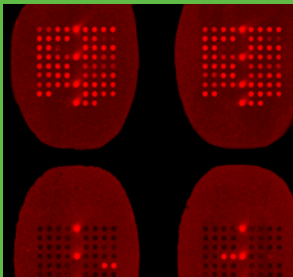
F.LLI GALLI G. & P.

Single-color scanner

- A choice of either 532nm (InnoScan 300-G) or 635nm (InnoScan 300-R) laser excitation source to fit specific applications at low cost
- All the versatility and performance of a high quality scanner in a compact and easy-to-use instrument

Easy to use

- Compact: suitable for small diagnosis labs
- Fast: less than 4 minutes for a whole slide scan
- High sensitivity thanks to a confocal PMT detection
- Easy and automated image acquisition with MAPIX[®] software



OEM solution

High technology

Make the scanner as yours, all INNOPSYS expertise on fluorescence detection and microarrays dedicated to your clinical application.

Medical Device

System ready for IVD certification. INNOPSYS works with you to achieve the diagnosis certification of your platform.

Plug-Ins and Data Analysis

Total integration with Mapix[®] a simple and user-friendly software for image analysis. Mapix is plug-in compatible for a complete adaptation of the scanner to your test.



www.galli2europe.com

InnoScan® 300



Technical specifications

MODEL	InnoScan 300-G	InnoScan 300-R
LASER EXCITATION WAVELENGTH	● 532nm	● 635nm
COMPATIBLE FLUOROPHORES *	Cy3	Cy5
	Alexa 546	Alexa 647
	Alexa 555	Alexa 666
RESOLUTION	10 to 40 $\mu\text{m}/\text{pixel}$	
LASER POWER	Two fixed laser powers	
DETECTION TYPE	Real-time confocal with 1 photomultiplier (PMT)	
PMT GAIN	Linear from 1 to 100% (step 1%)	
FOCUS	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 22 x 74 mm ²	
SCANNING SPEED	From 10 to 35 lines/second (3.55 min. per slide at 10 μm)	
DYNAMIC RANGE	> 4 orders of magnitude in normal mode > 6 orders of magnitude in extended dynamic range mode	
UNIFORMITY	< 5% CV	
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, 47-63 Hz	
ACQUISITION SOFTWARE	MAPIX (image acquisition and spot quantification software)	
DIMENSIONS (LXDXH)	344 x 426 x 163 mm ³ (13.4"x16.5"x6.3")	
WEIGHT	11 kg (24.3lbs)	

* Non exhaustive list, please contact INNOPSYS for more information about fluorophore compatibility

** Please contact Innopsys for more information about compatible barcode formats

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Class I Laser Product
For Research use only

Specifications subject to change without notice.
Contact us for the most recent specifications.

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