

Mikroarray-Scanner		Produktübersicht			
Anbieter/ Hersteller	Model	Auflösung, Scanfläche, -dauer, Anregungswellenlänge(n)	1. Detektionssystem 2. Empfindlichkeit	Sonstiges, Besonderheiten, Allgemeines	Preis [EUR]
Agilent Technologies Waldbronn, Deutschland Kontakt: www.agilent.com/chem/contactus	Agilent DNA Microarray scanner G2565CA	<ul style="list-style-type: none"> 2, 3, 5 or 10 micron pixel resolution Simultaneous two-color (Cy3/Cy5) scanning in under 20 minutes for 2 and 3 micron scans 	<ol style="list-style-type: none"> Laser/PMT System with a detection limit: 0.05 Cy3/Cy5 chromophores per square micron Dynamic range of 6 logs for high sensitivity scanning without saturation 	<ul style="list-style-type: none"> 48 slides scanning system Integrated platform complete with PC, barcode reader and image analysis software Laser-saver feature enables programmability Time-saving hands-off automated feature extraction Result confidence with Feature Extraction software 	On request EU country of origin instrument available upon special request.
Combimatrix/ Biozym Scientific Hess. Oldendorf, Deutschland www.biozym.com Kontakt: Monika Burbach Tel: +49(0)5152 9020 support@biozym.com	ElectraSense Reader	<ul style="list-style-type: none"> 1,5 x 0,6 cm 45 sec per Microarray Keine Anregung nötig 	<ol style="list-style-type: none"> Elektrochemisches Detektionssystem über Biotin/HRP auf Halbleiterchip 	<ul style="list-style-type: none"> Halbleiterchips 12K oder 2x4K Kompaktes Gerät: 12 x 12,5 x 19,5 cm Automatische Datenextraktion Breiter dynamischer Bereich Wenig Hands-on Time 	k.A.
Eppendorf Biochip Systems Hamburg, Deutschland www.eppendorf-biochip.com Kontakt: Barbara Schaffrath Tel: +49(0)40 53801504 Schaffrath.b@eppendorf.de	Silverquant	<ul style="list-style-type: none"> Colorimetric scanning device for detection of any biotinylated biomolecule Scan area: standard glass slides (Europe/US) Scanning resolution: down to 6 mm Digital resolution: 16 bit grey levels Excitation wavelength/source: white light source 	<ol style="list-style-type: none"> Detection system: CCD camera Sensitivity: Dynamic range: OD 0.01-3 	<ul style="list-style-type: none"> Integrated component of the Silverquant scanning and detection system Suitable for detection of biotinylated molecules based on silver precipitaton Robust and fast (less than 2 min scan time/slide) Small footprint (2.8 kg weith, dimensions: 330x190x150 mm (LxWxH)) 	14.248,- (incl. Scan software and quantification software for Silverquant stained slides)
Febit Biomed Heidelberg, Deutschland www.febit.com Kontakt: Marcus Rothe Tel: +49(0)6221 6510-300 Marcus.rothe@febit.de	Geniom RT Analyzer	<ul style="list-style-type: none"> 8 Megapixel CCD Kamera 16x18 mm Fläche Biochip 0,2-X Sekunden Expositionszeit 545 nm (Phycocerythrin) 	<ol style="list-style-type: none"> CCD Kamera 6 Mikrometer Auflösung 	<ul style="list-style-type: none"> All-in-One-Microarray Detection System Höchstmögliche Automatisierung für kurze Bedienzeiten und beste Reproduzierbarkeit Mikrofluidischer Biochip ermöglicht On-Chip-Applikationen 	99.000,-
Innopsys Carbonne, Frankreich www.innopsys.fr Kontakt: Tel: +33(0)561 971 976 contact@innopsys.fr	InnoScan 700 & InnoScan 700AL	<ul style="list-style-type: none"> Resolution: 3 µm Scan area: 22x70 mm² Excitation wavelengths: 635 & 532 nm (simultaneous scan) AL version: Autoloader for 24 slides with a full simple batch mode into the Mapix software 	<ol style="list-style-type: none"> Real confocal detection (2 PMTs for the 2 colors) Patented fast real-time autofocus system to minimize non-uniformity Sensitivity : 0,1 fl/µm² Powerfull Mapix software for gridding and quantification 	<ul style="list-style-type: none"> Less than 4 minutes for 2 colors at 10 µm resolution Ethernet connection Includes a Codebar reader 	35.000,- (incl. PC, installation and training costs, 3 licenses of Mapix software) Mapix is available for trials
	InnoScan 900 & InnoScan 900AL	<ul style="list-style-type: none"> See above except resolution: up to 1 µm resolution (true optical resolution) AL version: Autoloader for 24 slides with a full simple batch mode into the Mapix software 	See above	<ul style="list-style-type: none"> See above Best resolution on the market Perfect solution for high content microarrays or tissue arrays or cell imaging 	66.250,- (incl. PC, installation and training costs, 3 licenses of Mapix software)
MDS Analytical Technologies Ismaning, Deutschland www.moleculardevices.com Kontakt: Gerhard Reich Tel: +49(0)89-960588-0 +0800-665-3285 info@moldev.com	Axon GenePix 4000B Microarray Scanner	<ul style="list-style-type: none"> Resolution: Adjustable from 5 to 100 µm Scan Area: 22 x 71.5 mm Excitation Wavelength: 532 nm and 635 nm solid-state lasers; adjustable power and power fluctuation correction 	<ol style="list-style-type: none"> Detection System: PMT Sensitivity: 0.1 fluors/µm² (Cy3 and Cy5) 	<ul style="list-style-type: none"> Simultaneous two-color scanning Fully integrated with the industry-standard Axon GenePix Pro software Use any 1"x 3" sample format you like, from small specific arrays to high-density whole-genome arrays 	Please inquire
	Axon GenePix 4100A Microarray Scanner	<ul style="list-style-type: none"> Resolution: Adjustable from 5 to 100 µm Scan Area: 22 x 71.5 mm Excitation Wavelength: 532 nm and 635 nm solid state lasers; power fluctuation correction 	<ol style="list-style-type: none"> Detection System: PMT Sensitivity: 0.1 fluors/µm² (Cy3 and Cy5) 	<ul style="list-style-type: none"> Sequential scanning mode Same imaging specifications as Axon GenePix 4000B One or two lasers, and up to eight emission filters 	Please inquire
	Axon GenePix 4200 AL Microarray Scanner with Autoloader	<ul style="list-style-type: none"> Resolution: Adjustable from 5 to 100 µm Scan Area: 22 x 69 mm Excitation Wavelength: Up to four lasers, request info 	<ol style="list-style-type: none"> Detection System: PMT Sensitivity: 0.1 fluors/µm² (Cy3 and Cy5) 	<ul style="list-style-type: none"> Automatically loads, scans, analyzes and saves results for up to 36 slides per batch, then sends an email notification when the batch is complete Line-by-line dynamic auto focus ensures superior field uniformity, even for warped slides 	Please inquire
	Axon GenePix 4300A Microarray Scanner	<ul style="list-style-type: none"> Resolution: Adjustable from 5 to 100 µm Scan Area: 22 x 72 mm Excitation Wavelength: Up to four lasers available, Request Info 	<ol style="list-style-type: none"> Detection System: PMT Sensitivity: 0.1 fluors/µm² (Cy3 and Cy5) 	<ul style="list-style-type: none"> Maximum imaging quality with optimal resolution in highly configurable platforms 5 µm per-pixel maximum scanning resolution, choices of up to four lasers for excitation, and sixteen emission-wavelengths filters GenePix Pro microarray image analysis software and Axon Acuity microarray informatics software 	Please inquire
	Axon GenePix 4400A Microarray Scanner	<ul style="list-style-type: none"> Resolution: Adjustable from 2.5 to 100 µm Scan Area: 22 x 72 mm Excitation Wavelength: Up to four lasers available, Request Info 	<ol style="list-style-type: none"> Detection System: PMT Sensitivity: 0.1 fluors/µm² (Cy3 and Cy5) 	<ul style="list-style-type: none"> High-resolution scanner for ultra-high-density microarrays User-selectable resolutions between 2.5 and 100 µm per pixel Capable of automatically choosing photomultiplier gain value Axon GenePix Pro microarray image analysis software and Axon Acuity microarray informatics software 	Please inquire

„Mikroarray-Musterung“

Mikroarray-Scanner			Produktübersicht		
Anbieter/ Hersteller	Model	Auflösung, Scanfläche, -dauer, Anregungswellenlänge(n)	1. Detektionssystem 2. Empfindlichkeit	Sonstiges, Besonderheiten, Allgemeines	Preis [EUR]
PerkinElmer LAS Rodgau-Jügesheim, Deutschland www.perkinelmer.de Kontakt: Marco Rußmann Tel: +49(0)172/6385880 Marco.russmann@perkinelmer.com Marcus Quack Tel: +49(0)1726385882 Marcus.Quack@perkinelmer.com	InnoScan 700	<ul style="list-style-type: none"> ■ From 3 - 40 µm/pixel ■ 22 x 70 mm scan area ■ Excitation at 635 nm and 532 nm 	1. Digital PMT (real Confocal) 2. Linear PMT Gain from 0 – 100 %	<ul style="list-style-type: none"> ■ Scanning time < 4 min for full standard slide at 10 µm resolution ■ Scanning simultaneous for both dyes ■ The scanner is intended for use with the PerkinElmer CGH Arrays Constitutional Chip 3.0 and 4.0 	Auf Anfrage
	Tecan Austria Grödig, Österreich www.tecan.com Kontakt: Ralph Beneke Tel: +43(0)6246 8933 323 ralph.beneke@tecan.com	LS Reloaded	<ul style="list-style-type: none"> ■ Pixel resolution 40, 20, 10 and 6 µm ■ Standard equipped + user selectable emission filters ■ Reading speed 4 minutes for a full slide, 25 minutes a SBS plate (dual color, 10 µm pixel resolution) 	1. Possible Laser Sources 635 nm, 532 nm, 488 nm, 594 nm Detectors 1 or 2 PMTs, optional simultaneous dual color detection 2. Sensitivity < 0.1 Fluorophore equivalent/µm ²	<ul style="list-style-type: none"> ■ Barcode reader ■ LaserCheck quality control tool kit ■ Up to microplate format slides
	PowerScanner	<ul style="list-style-type: none"> ■ Configuration A: 2, 5, 10, 20, 40 µm ■ Configuration B: 4, 5, 10, 20, 40 µm ■ Scan time (incl. required calibration steps and slide traffic) <ul style="list-style-type: none"> ■ ≥ 6 min at 10 µm ■ ≥ 11 min at 5 µm ■ ≥ 23 min at 2 µm ■ Speed can be defined by the user 	1. < 3 % CV global non-uniformity Signal-to-Noise ratio at 2 µm pixel size on 10 x 10 µm feature area > 2 x 10 ⁵ Real 16 bit TIFF images 2. Sensitivity < 0.04 Fluorophore equivalent/µm ²	<ul style="list-style-type: none"> ■ Ozone protected autoloader ■ Automatic image analysis ■ Integrated System calibration ■ Compatible to major brands of microarray products 	Ca. 95.000,- (The system is available soon)
Zeptosens A Division of Bayer (Schweiz) Witterswil www.zeptosens.com Kontakt: Markus Tobler Tel: +41(0)61 726 81 81 markus.tobler@zeptosens.com	ZeptoReader	<ul style="list-style-type: none"> ■ Reader Bildauflösung: 13mm ■ Reader Messbereich: 1 Array = 5mm x 7mm (6 Arrays pro Chip und 6 Chips pro Carrier und bis 10 Carrier pro Messung) ■ Excitation: - rot: 635nm - grün: 532nm 	1. Planar Waveguide Detektionstechnologie macht den Reader bis zu 50 Mal sensitiver als konventionelle Scanner 2. Pro Spot können die Proteine von einem Zelläquivalent detektiert werden (ab 600 Proteinen)	<ul style="list-style-type: none"> ■ Ideal zur Messung von Zellsignalproteinen mittels Reverse Protein Arrays 	Auf Anfrage. Abhängig von Konfiguration