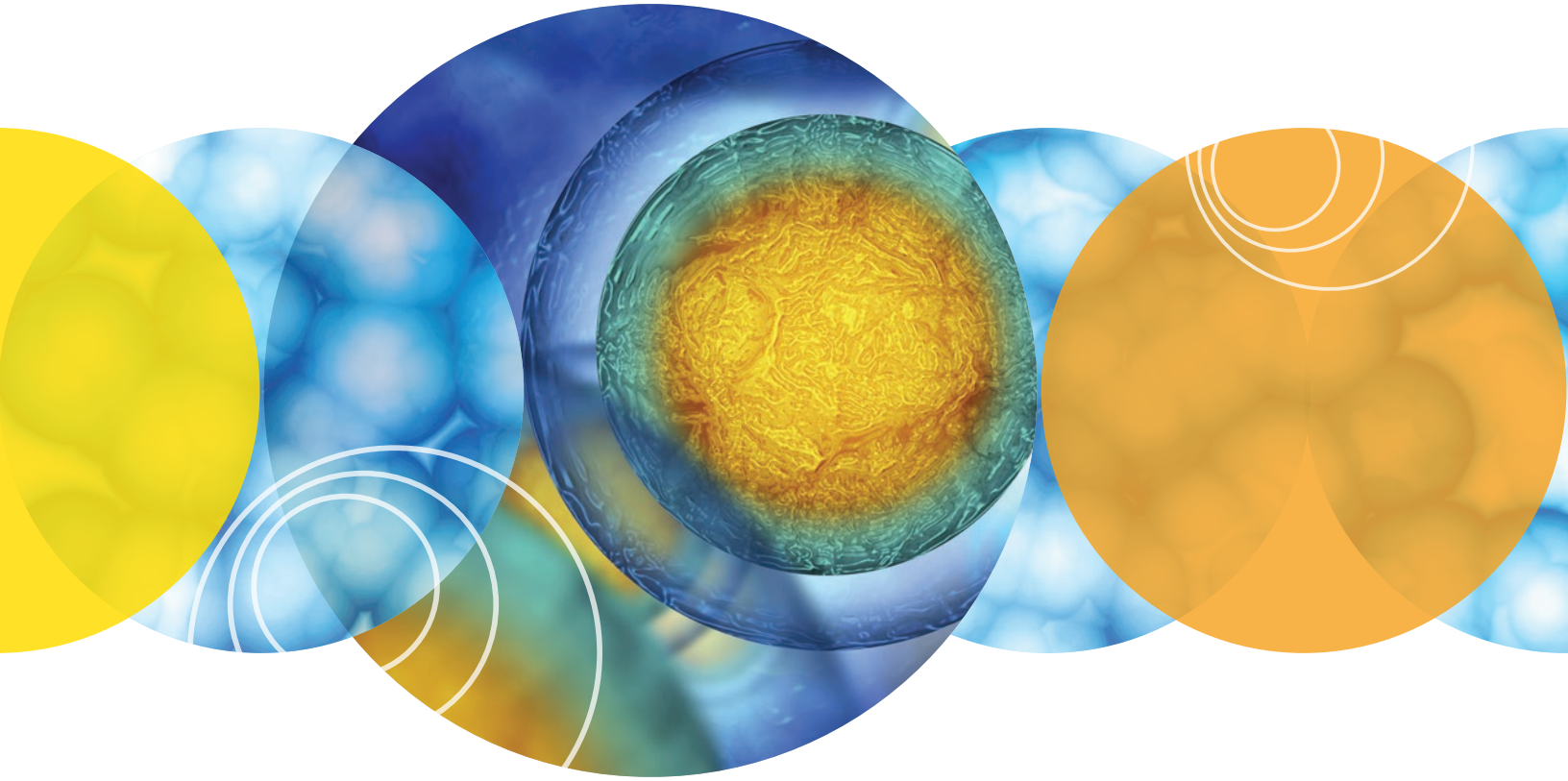
VWR® | vwr.com
We Enable Science

Innovative Solutions for Drug Discovery and Life Sciences Research



Unleash your brilliance™

MOLECULAR DEVICES

Advancing cell and protein analysis technologies for your landmark scientific achievements

Molecular Devices is a leading provider of high-performance bioanalytical measurement solutions for life science research, pharmaceutical development, and biotherapeutic discovery with over 130,000 instrument placements in laboratories around the world that have fueled over 25,000 peer-reviewed publications. Our leading-edge products enable you to improve productivity and effectiveness, ultimately accelerating research and the discovery of new therapeutics.

Multi-Mode Detection Systems

We offer a versatile range of multi-mode readers with a variety of product configurations to allow you to meet your research application needs. With up to eight different detection modes and field upgradability, you now have the flexibility to expand your capabilities at any time.

SpectraMax® iD5

Five-mode plate reader including TRF, tunable FP, and western blot detection with large, high-res touchscreen, NFC functionality, ultra-cooled PMT and SmartInject™ Technology.

SpectraMax® iD3

Three-mode plate reader with large, high-res touchscreen, NFC functionality, ultra-cooled PMT and SmartInject™ Technology.

SpectraMax® i3x

Three-mode plate reader with user upgradeable application modules including TRF, injectors and western blot imaging. Optional MiniMax 300 Imaging Cytometer for cellular imaging capabilities.

SpectraMax® Paradigm

High-throughput, user-upgradeable multi-mode microplate reader platform that enables new detection mode capability in under two minutes.

SpectraMax® M Series

Upgradeable platform with tunable absorbance, fluorescence, luminescence; TRF, triple mode cuvette port, kinetics, spectral and well scanning, AutoPMT™ and PathCheck™ Technology.

FlexStation® 3

Tunable absorbance, fluorescence, FRET, TRF, FP, TR-FRET, HTRF, luminescence with automated fluid transfer for endpoint, flex and fast kinetics.

FilterMax™ F3 & F5

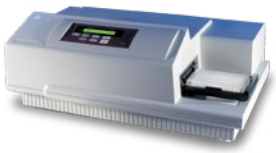
Filter-based multi-mode microplate readers that provide both affordability and unmatched assay performance.

Absorbance Readers

Our line of absorbance readers, including instruments featuring patented technologies such as PathCheck® Pathlength Measurement technology and tunable monochromators, provide you with more flexibility, sensitivity, and ease-of-use for the broadest range of assays.

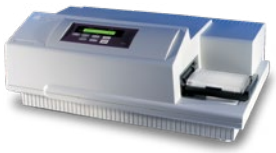
SpectraMax® Plus[384]

UV-visible absorbance microplate reader with ultrafast, full spectral range detection for cuvettes, 96- and 384-well microplates. Wavelength range: 190-1000 nm.



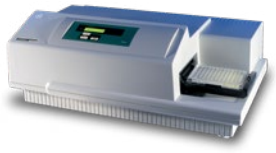
SpectraMax® 190

UV-visible absorbance microplate reader for up to 96 samples with endpoint, kinetic and spectral scanning modes. Wavelength range: 190-850 nm.



SpectraMax® 340PC[384]

Versatile visible absorbance reader for 96- and 384-well microplate formats. Wavelength range: 340-850 nm.



VersaMax™ ELISA

Bridging the gap between the affordability of filter-based readers and the flexibility of monochromator-based systems for 96-well plate formats. Wavelength range: 340-850 nm.

EMax® Plus

Robust, high-value microplate reader designed to deliver research-grade results to any laboratory. Simple to set up and features pre-defined protocols. Wavelength range: 400-750* nm.

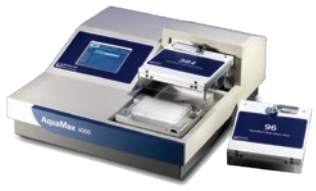
* Configurable filter-based wavelength selection

SpectraMax® QuickDrop Micro-Volume Spectrophotometer

One touch, full-spectrum micro-volume reader for DNA/RNA/protein quantitation. Built-in sample port for small volumes (0.5 µL). Cuvette port for larger volumes. Wavelength range: 190-1100 nm.

Microplate Washers

Robust and reliable microplate washers are an essential component of today's research laboratories. We offer a range of washers to meet your needs including strip washers and full plate washers.



AquaMax®

The 4-in-1 AquaMax line of self-contained, automation-capable washer systems are easily configurable to meet assay needs.

MultiWash™+

The compact, quiet, user-friendly MultiWash+ Microplate Washer includes 20 pre-set protocols, works with both 96- and 384-well plates and comes with 4 different wash/rinse bottles for out-of-the-box use. It's simply a great fit for any lab.

Software Solutions

Our suite of software packages delivers the most comprehensive and feature-rich solutions for every data analysis need. From ready-to-run algorithms to high-content informatics, our software solutions provide you with the tools you need to evaluate your data.

SoftMax® Pro

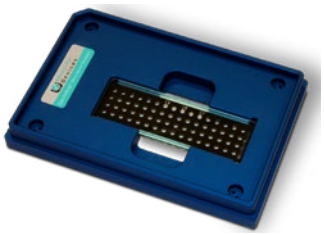
Industry-leading SoftMax Pro Software is used by over 100,000 users worldwide, delivering the most comprehensive portfolio of ready-to-run protocols, analysis algorithms and FDA 21 CFR Part 11 compliance tools.

GenePix® Pro

GenePix Pro Software is the industry standard in microarray image analysis because of its unique combination of imaging and analysis tools, visualizations, automation capabilities, performance and ease-of-use.

Handlers and Accessories

Expand the capabilities of your Molecular Devices platform through the addition of a wide array of handlers and accessories. From an automated microplate handling system to a low volume microplate, our handlers and accessories help you achieve the results you want.



SpectraDrop™ Micro-Volume Microplate

Specially-designed, high throughput solution for low volume DNA and protein measurement assures uniform and reproducible analysis.

Microarray Scanning Systems

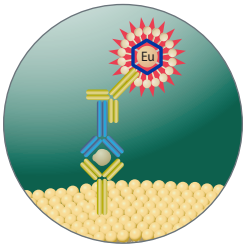
Our systems can handle any slide-based microarray study, from small one- or two-fluorophore applications to multiple-fluorophore high-throughput projects requiring automated sample handling and secure enterprise-wide data management and analysis. All GenePix scanners include one license of GenePix Pro Image Acquisition and Analysis Software, the benchmark tool for the acquisition and analysis of microarray images.

GenePix 4300/4400

Coupled with GenePix Pro Microarray Image Analysis Software and Acuity® Microarray Informatics Software, these systems provide powerful, flexible, and easy-to-use solutions for acquisition and analysis.

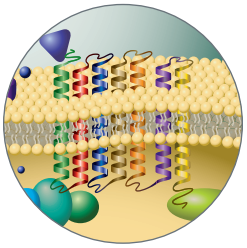
Assay Kits

We offer easy-to-use, robust assay kits for life science research, drug discovery & development, and bioassays. All assay kits are optimized for use on Molecular Devices systems.



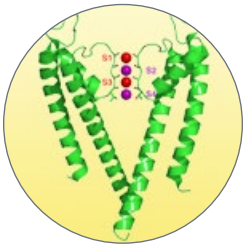
ScanLater Western Blot

Substrate-free immunoblot assay for extended signal stability.



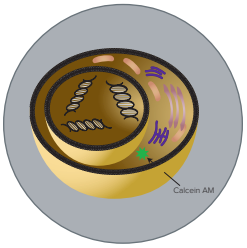
GPCR Assays

Cell-based assays including FLIPR® Calcium assay kits and CatchPoint® cAMP and cGMP reagents optimized for sensitivity.



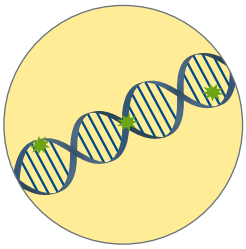
Ion Channel Assays

Functional measurement of potassium channel activity in a cell-based assay .



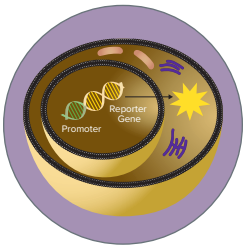
Cell Viability

Detect cell viability and cell proliferation on fluorescence microplate readers.



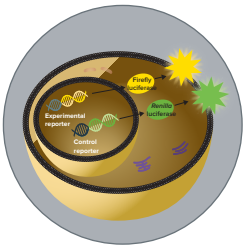
dsDNA Quantitation

Optimized DNA measurement for your microplate reader assay.



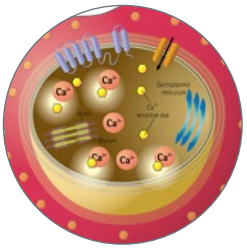
Reporter Gene

Luciferase measurement for your microplate reader assay.



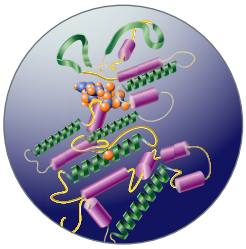
Dual Luciferase Reporter Gene

Highly sensitive quantitation of both firefly and *Renilla* luciferases in mammalian cells.



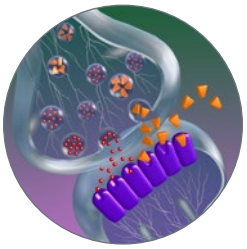
Cardiotoxicity and Cell Integrity

Identify cardiotoxic compounds and differentiate live cells.



Enzymes

Homogeneous assays measure kinases, phosphatases, and phosphodiesterases.



Transporters

Live-cell kinetic assays measure fatty acid and neurotransmitter uptake.

SpectraMax Detection Modules

The SpectraMax i3x and Paradigm Multi-Mode Detection Platforms utilize a patent-pending design that allows for real-time system configuration by the user in less than two minutes. This revolution in modularity makes no-compromise detection the norm. The broad array of SpectraMax Detection Modules enable the user to perform an ever-evolving array of applications. Although your detection needs may change, your equipment can stay the same simply by adding a new detection module.

Cartridge	Description	VWR cat. #	Specifications	Optimized sensitivity	Guaranteed sensitivity	Slots used
Dual Auto Injector 	SpectraMax i3x Injector Cartridge with SmartInject™ Technology Expand your research capabilities to include flash-based applications, including dual luciferase and ATP assays.	**10018-646**	Wavelength range (LUM): Visible to 650 nm Dead volume: < 10 µL with Reverse Prime function	20 amol ATP ("Flash" luminescence using Promega Enliten)	50 amol ATP (<=> 250 fM @ 0.2mL/well, "Flash" luminescence using Promega Enliten) 3 fmol ATP (<=> 15 pM @ 0.2mL/well, "Glow" luminescence using PerkinElmer ATPlite 1step)	2
ScanLater 	Western blot detection using ScanLater Western Blot Assay Kit TRF-based with 340/80 nm EX and 616/10 nm EM	**10192-222**	EX range: 340/80 nm EM range: 616/10 nm	High fg levels of Streptavidin	High fg levels of Streptavidin	2
AlphaScreen 	AlphaScreen and AlphaLisa detection using 1 W 680 nm EX laser diode and a 570 nm (100) EM filter Pick best speed, sensitivity, and price for your needs Guaranteed sensitivity: < 100 amol phosphorylates biotin-peptide in 25 µL assay volume in a 384-well plate	**10014-890**	Alpha 384 STD 96- and 384-well plates		< 100 amol (384-well)	1
		10014-892	Alpha 384 HTS 96- and 384-well plates		< 100 amol (384-well)	1
		10014-894	Alpha 1536 HTS 96, 384, and 1536-well plates		< 100 amol (384-well)	1
HTRF 	Cisbio HTRF detection with optimized Xenon light source and 616, 665 nm EM filters Measures both emissions simultaneously	**10014-896**	6- to 1536-well plates	Exceeds Cisbio certification requirements		2
TRF 	LED light source and Europium EX and EM filters (370-616 nm) Suitable for assays using Europium chelate and similar labels Includes 642 nm EM filter for TR-FRET assays with Samarium labels	**10014-898**	6- to 1536-well plates	96–0.03 pM 384–0.03 pM 1536–0.125 pM	96-well: 0.1 pM 384-well: 0.1 pM 1536-well: 0.375 pM	1
FP 	Fluorescence Polarization detection for fluorescein- or rhodamine-like labels Using specific LED and EX/EM filters for 6- to 1536-well plates	**10014-900** **10014-902**	Fluorescein FP EX 485 nm, EM 535P and 535S nm Rhodamine FP EX 535 nm, EM 595P and 595S nm	96–1.0 mP 384–1.5 mP 1536–2.0 mP	96-well: 3 mP 384-well: 4 mP 1536-well: 6 mP	1
Custom Solutions 	Custom cartridges are available and designed to meet your specific research needs	Ask your local sales representative for more information				

Ordering information

Product	VWR cat. #
SpectraMax® iD5	**76175-288**
SpectraMax® iD3	**75886-128**
SpectraMax® i3x	**10014-924**
SpectraMax® Paradigm	**10822-512**
SpectraMax® M Series	**89429-532**
	89429-534
	89429-536
	89212-398
	89212-400
FlexStation® 3	**89212-402**
FilterMax™ F3	**97059-524**
FilterMax™ F5	**97059-526**
SpectraMax® Plus384	**89212-396**
SpectraMax® 190	**89212-394**
SpectraMax® 340PC384	**89212-396**
VersaMax™ ELISA	**89429-538**
EMax® Plus	**10119-370**
SpectraMax® QuickDrop	**89212-410**
MultiWash™+	**10119-372**
AquaMax®	**97059-514**
	97059-518
GenePix 4300/4400	**10192-224**
	10192-206
Software & Accessories	
SoftMax® Pro	**75838-330**
	75838-332
GenePix® Pro	**10192-216**
SpectraDrop™	**89212-410**

Product	VWR cat. #
Assay Kits	
ScanLater Western Blot	**10048-854**
	10048-856
	10048-858
	10048-936
	10048-938
GPCR Assays	**10048-924**
	10048-928
	10048-932
Ion Channel Assays	**76044-680**
dsDNA Quantitation	**75796-318**
	75796-322
	75796-326
Reporter Gene	**75801-460**
Dual Luciferase Reporter Gene	**76102-360**
Cardiotoxicity and Cell Integrity	**10048-824**
	10127-640
	10127-642
Enzymes	**10048-838**
	10048-842
	10048-844
Transporters	**10048-832**

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