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Innovative Solutions for Drug Discovery and Life Sciences Research



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 140,000 instrument placements in laboratories around the world that have fueled over 150,000 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 ABS/ABS Plus Microplate Reader

Fast absorbance detection for a wide range of assays without the use of filters, using cuvettes, 96- and 384-well microplates. Wavelength range: 190-1000 nm.



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.



EMax Plus

An affordable, tunable microplate reader for 96-well plate formats. Wavelength range: 340-850 nm.

*Configurable filter-based wavelength selection



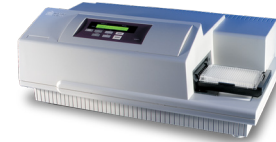
VersaMax ELISA

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.



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.

Fluorescence Readers

Analyze ELISAs, protein and nucleic acid quantitation, reporter gene, cell viability and proliferation, and cytotoxicity assays all without the use of filters.



Gemini XPS

Enables top reading of microplates over a greater range of fluorescence intensities—all without the use of filters. Tunable to 250-850 nm excitation, 360-850 nm emission



Gemini EM

Enables top and bottom reading of microplates without the use of filters. Tunable to 250-850 nm excitation, 250-850 nm emission.



SpectraMax L

Upgradeable platform available with one or two luminescence detectors, enabling affordable higher throughput configurations.

Luminescence Readers

High sensitivity and high throughput glow and flash luminescence detection in an upgradeable platform.





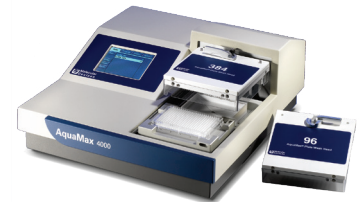
Microplate Washers

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.



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.



AquaMax®

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

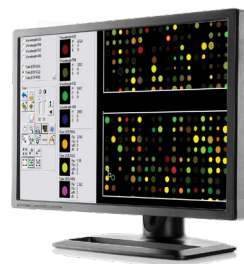
Software Solutions

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.



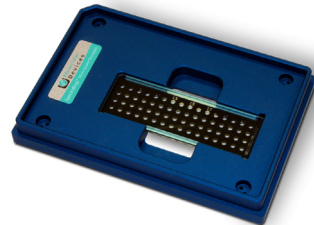
StakMax Microplate Handling System

An integrated microplate stacker that provides benchtop automation for batches of up to 50 microplates in a small footprint.



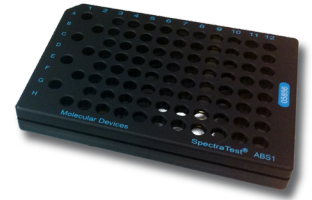
SpectraCuvette Adapter

Adds cuvette reading capability to your microplate reader. Compatible with the SpectraMax iD3, iD5, i3x, Paradigm, and FilterMax readers.



SpectraDrop Micro-Volume Microplate

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



SpectraTest Validation Plates

Comprehensive tools for verifying Molecular Devices absorbance, fluorescence, and luminescence microplate readers are performing to manufacturing specifications.

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.



GenePix 4100A

Built on our award-winning optical, electronic and software design, this sequential scanner has all the quality in a price range and bench-top footprint that makes it ideal for individual lab use.

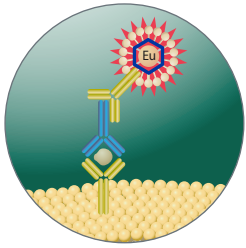


GenePix 4000B

This scanner is a benchmark for quality, reliability and ease-of-use in microarray scanning technology.

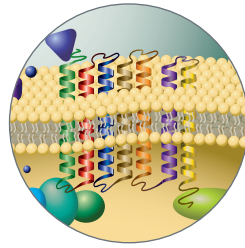
Assay Kits

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.



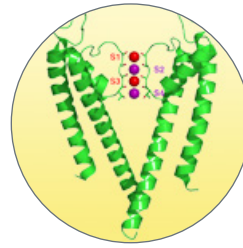
ScanLater Western Blot

Substrate-free immunoblot assay for extended signal stability.



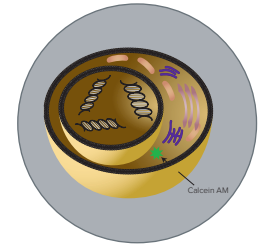
GPCR Assays

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



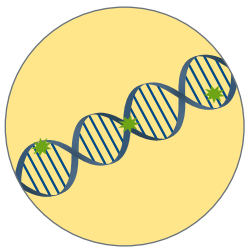
Ion Channel Assays

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



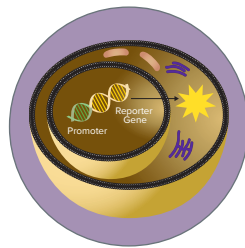
Cell Viability

Detect cell viability and cell proliferation on fluorescence microplate readers.



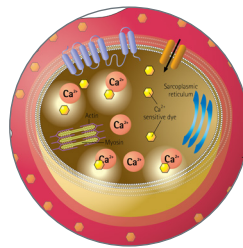
dsDNA Quantitation

Optimized DNA measurement for your microplate reader assay.



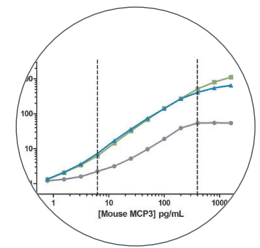
Reporter Gene

Luciferase measurement for your microplate reader assay.



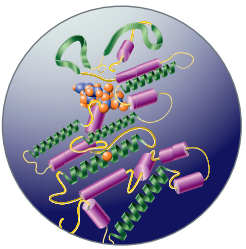
Cardiotoxicity and Cell Integrity

Identify cardiotoxic compounds and differentiate live cells.



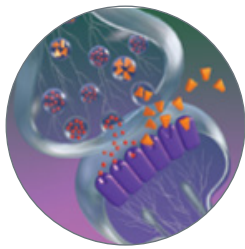
CatchPoint SimpleStep ELISA kits

Fluorescent ELISA kits developed in collaboration with Abcam.



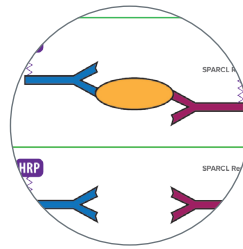
Enzymes

Homogeneous assays measure kinases, phosphatases, and phosphodiesterases.



Transporters

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



Immunoassay

Homogeneous no-wash assay for protein quantitation.



Contaminants

Assays measure proteins, peptides, microorganisms, and single-stranded DNA.

Ordering information	VWR cat. no.
EMax Plus, MD Reader System	MLDVEMAXPLUS
VersaMax Ext System with SoftMax Pro	MLDVVERSAMAX
SpectraMax ABS Microplate reader	MLDVABS
SpectraMax ABS PLUS Microplate reader	MLDVABSPLUS
SpectraMax 340PC 384 System with SoftMax Pro	MLDV340PC384
SpectraMax 190 System with SoftMax Pro	MLDV190
SpectraMax Plus 384 System with SoftMax Pro	MLDVPLUS384
Gemini XPS System	MLDVXPS
Gemini EM System with SoftMax Pro	MLDVEM
SpectraMax L Configured	MLDVSPECTRALCONFIG
FilterMax F3 Multimode Microplate Reader	MLDVF3
FilterMax F5 Multimode Microplate Reader	MLDVF5
SpectraMax M2 System	MLDVM2
SpectraMax M2E System	MLDVM2E
SpectraMax M3 System	MLDVM3
SpectraMax M4 System	MLDVM4
SpectraMax M5 System	MLDVM5
SpectraMax M5E System	MLDVM5E

Ordering information	VWR cat. no.
FlexStation 3 System	MLDVFLEX3
SpectraMax iD3 Multi-Mode Microplate Reader	MLDVID3-STD
SpectraMax iD5 Multi-Mode Microplate Reader	MLDVID5-STD
SpectraMax i3X System	MLDVI3X
SpectraMax MiniMax 300	MLDVMINIMAX300
SpectraMax Paradigm Multimode Microplate Reader	MLDVPARADIGM
SpectraMax Drop 24	MLDVSMAXDROP24
SpectraMax Drop 24C	MLDVSMAXDROP24C
SpectraMax Drop 64C	MLDVSMAXDROP64C
MultiWash+, MD Washer System	MLDVMULTIWASHPLUS
AquaMax 2000 Base Unit, 1-Year Warranty	MLDVAQUAMAX2KBUNDL
AquaMax 4000 Base Unit, 1-Year Warranty	MLDVAQUAMAX4KBUNDL
SpectraMax QuickDrop Micro-Volume Spectrophotometer	MLDVQUICKDROP
GenePix 4100A-U STD	MLDVGENEPIX4100AUS
GenePix 4100A-U	MLDVGENEPIX4100A-U
GenePix 4000B-U	MLDVGENEPIX4000B-U
GenePix 4300	MLDVGENEPIX4300
GenePix 4400	MLDVGENEPIX4400

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