



Thomas Scientific

TECAN EQUIPMENT





SPARK® CYTO

Live Cell Plate Reader with Real-Time Image Cytometry

By combining live cell imaging with advanced detection technologies, the Spark Cyto multimode reader offers the ability to unite qualitative and quantitative information into unique multi-parameter data sets.

- Truly investigate your entire cell population
- Designed for a broad range of common cytometry applications

SPARK CYTO MULTIMODE PLATE READER

Description	Thomas No.	
Spark Cyto 300	20A00U058	Call For More Information
Spark Cyto 400	20A00U059	Call For More Information
Spark Cyto 500	20A00U060	Call For More Information
Spark Cyto 600	20A00U061	Call For More Information



SPARK®

The Fully Flexible Detection Platform with Smart Automation

The Spark multimode microplate reader platform can be configured to meet current needs and is fully upgradable to access new techniques and features in the future, offering solutions to suit virtually any life science research or drug discovery application.

- Absorbance – Fast, accurate, versatile
- Fluorescence – Unmatched flexibility for any assay or budget
- Luminescence – Unparalleled sensitivity in the widest range of applications
- Cell counting and imaging – affordable imaging for increase data confidence

SPARK MULTIMODE PLATE READER

Base Model	Description	
20A00U057	Spark for Genomics and Proteomics	Call For More Information
	Spark for Microbiology	Call For More Information
	Spark for Cell-Based Assays	Call For More Information
	Spark for Drug Discovery	Call For More Information



INFINITE® 200 PRO

Affordable High-Performance Detection Solutions

The Infinite 200 PRO has been continuously engineered for excellence and has now evolved into a budget-friendly reader family consisting of six application-focused configurations, delivering performance and value to every lab, every day, for every assay.

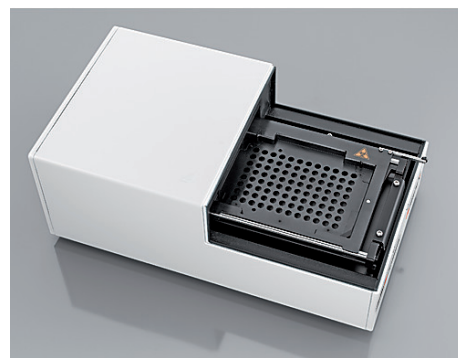
Description	Thomas No.
Infinite® 200 Pro F Plex, Multimode Microplate Reader, Filter Optics	20A00U051
Infinite® 200 Pro M Plex, Multimode Microplate Reader, Monochromator Optics	20A00U054

INFINITE® F50

Robotic Plate Readers

The Infinite F50 and Infinite F50 Robotic absorbance plate readers, together with Magellan data analysis software, are ideal solutions for photometric measurements of ELISAs and kinetic assays in the 400 to 750 nm wavelength range. The systems' innovative design combines eight measurement channels with long-life LED lamps for fast parallel reading and minimal maintenance costs.

Description	Thomas No.
Infinite® F50 Microplate Reader/Configurable	20A00U049
Infinite® F50 Microplate Reader/Standard	20A00U050



SUNRISE ABSORBANCE PLATE READERS

Versatile and Fast

The Sunrise Absorbance reader, complemented by Tecan's Magellan™ universal reader control and data analysis software add-on, is an ideal solution for a range of applications, such as ELISAs, enzyme kinetics, cell viability studies, veterinary assays and many more. It supports a broad wavelength range – from 340 to 750 nm – and can measure an entire 96-well plate in less than six seconds, ensuring it is ready to meet the needs of routine diagnostic & research labs. For Research Use Only. Not for use in diagnostic procedures.

Configure the Sunrise plate reader to your needs

- Take advantage of the modular design of the Sunrise plate reader and tailor it to your application needs.

Temperature control

- The temperature control option is useful for a range of applications, such as enzyme kinetic assays.
- Its advanced design combines top and bottom heating of the microplate to minimize evaporation and achieve a good temperature distribution.

Selection of barcode scanner

- The LIS option includes a hand-held barcode scanner for checking sample and plate IDs before loading them into Sunrise reader.
- An integrated barcode reader is also available, allowing automated plate identification inside the reader.

Personalize your Sunrise reader

- Choose your favorite color for the front of the Sunrise plate reader, with options including white, silver, red, blue, orange and lime green

Ready for robotic integration

- Every Sunrise plate reader is ready for integration on select Tecan robotic platforms. Speak with your Thomas rep for details.



Description	Thomas No.
Absorbance Microplate Reader, Red	20A00U046
Absorbance Microplate Reader, White	20A00U047
Absorbance Microplate Reader, Silver	20A00U048

HYDROFLEX™ MICROPLATE WASHER

Reliable Microplate Washer for ELISA Assays and Cells



The HydroFlex microplate washer is a truly flexible and upgradeable platform for automated microplate strip washing, magnetic bead washing and vacuum filtration in 96-well plate formats. It is ideal for a wide range of cell, enzyme and DNA-based applications in academia, biotech, pharmaceuticals and clinical diagnostics.

- Compact and modular design
- Ready for automated washing of ELISAs, cells and protein arrays
- Automated system for vacuum filtration to waste
- Magnetic plate carrier for magnetic bead washing
- Bubble sensor unit that ensures reliable buffer dispensing
- Multipoint aspiration to achieve minimal residual volumes
- Software control of speed settings and wash head positions
- Can be integrated with Fluent, Freedom EVO and Freedom EVOlyzer workstations
- Excellent reliability and low service costs



Base Model	
TBD	Call For More Information

HYDROSPEED™ PLATE WASHER

For Cells, Beads and ELISAs in 96 and 384-Well Formats

The HydroSpeed is Tecan's advanced plate washer, designed for quick, parallel washing of entire 96 and 384-well plates. This avoids time differences between the wells for uniform results. In addition, the HydroSpeed provides full control of wash power for optimized washing of cells, beads and ELISAs.

- Extra gentle cell washing with tuneable wash power
- Reliable operation through active prevention of needle clogging
- Patented design using dual magnets per well
- Integrated monitoring of liquid level in waste bottle
- Patent-pending plate assistant auto-adjust function
- Intense cleaning of wash heads using a typical lab ultrasonic bath



Base Model	Description	
21A00F744	HydroSpeed, 96-Well Format, Whole Plate Washer for ELISA & Cell Washing	Call For More Information
	HydroSpeed, 96 and 384-Well Format, Whole Plate Washer for ELISA, Bead, and Cell Washing	Call For More Information
	HydroSpeed, Configure-Ready, Whole Plate Washer (Range of Applications)	Call For More Information

