



# 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	
Spark Cyto 300	<a href="#">Call For More Information</a>
Spark Cyto 400	<a href="#">Call For More Information</a>
Spark Cyto 500	<a href="#">Call For More Information</a>
Spark Cyto 600	<a href="#">Call For More Information</a>



## 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

Description	
Spark for Genomics and Proteomics	<a href="#">Call For More Information</a>
Spark for Microbiology	<a href="#">Call For More Information</a>
Spark for Cell-Based Assays	<a href="#">Call For More Information</a>
Spark for Drug Discovery	<a href="#">Call For More Information</a>



## 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	Unit
Infinite 200 Pro F Plex, Multimode Microplate Reader, Filter Optics	1/ea
Infinite 200 Pro M Plex, Multimode Microplate Reader, Monochromator Optics	1/ea

# FLUENT® AUTOMATED WORKSTATION

*Easy To Use – Every Day, for Every Operator*

The Tecan system’s fully modular, open architecture allows each instrument to be individually configured with robotic arms for pipetting and labware movement, helping laboratories to meet throughput, cost saving and productivity targets.

- Increase productivity
- Streamline workflows
- Optimize assay precision and consistency
- Relieve operators from repetitive task

## FLUENT AUTOMATED WORKSTATION

Description	
Fluent Automated Workstation	<a href="#">Call For More Information</a>



# FREEDOM EVO® PLATFORM

*One Platform, Unlimited Options, Individual Solutions*

One of the most popular and reliable systems in the market, with more than 5,000 systems installed worldwide. The upgradeable Freedom EVO platform can evolve with your changing application needs, making your initial investment even more valuable. It offers a choice of worktable capacities, proven liquid handling, easy-to-use robotics and advanced process control within reach of every laboratory scientist.

Examples of packages – NAP (nucleic acid purification), NGS, protein purification, colony picking and plating, vitamin D analysis and more!

## FREEDOM EVO PLATFORM

Description	
Freedom Evo Platform	<a href="#">Call For More Information</a>



# DISPENSEHEAD CASSETTES

*For Use with Tecan D300e Digital Dispenser*

The T8+ and D4+ dispensehead cassettes allow dispensing of up to eight fluids per cassette, from 11 picoliters to 10 microliters of small molecules and biomolecules in DMSO or aqueous solution.

- Single cassette for dispensing DMSO and aqueous solutions
- DMSO dispensing capabilities are unchanged
- Backwards compatible with all existing HP D300 instruments

Description	Unit
D4+ Dispensehead Cassettes, 1 nL to 10 µL	20/box
T8+ Dispensehead Cassettes, 11 pL to 10 µL	20/box



## 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



Description	Unit
HydroFlex, Ready to Configure, Strip Washer for a Range of Applications in 96-Well Plate Format	1/ea
HydroFlex, Standard Configuration, Strip Washer for ELISA and Cell Washing	1/ea

## 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



Description	Unit
HydroSpeed, 96-Well Format, Whole Plate Washer for ELISA and Cell Washing	1/ea
HydroSpeed, 96 and 384-Well Format, Whole Plate Washer for ELISA, Bead and Cell Washing	1/ea
HydroSpeed, Ready to Configure, Whole Plate Washer for a Range of Applications	1/ea