



Infinite® 200 PRO Microplate Reader

Affordable, easy-to-use, modular microplate reader with a full range of leading detection modes



The HydroSpeed™ Microplate Washer

Speed and control for optimized ELISA, bead, and cell washing in 96 and 384 well plates



The HydroFlex™ Microplate Washer

An affordable compact design for optimized ELISA, bead, and cell washing in 96 and stripwell plates



Infinite® F50 Absorbance Reader

New state-of-the-art ELISA microplate reader with an extremely small footprint and the latest LED technology

HydroFlex & Infinite F50 Bundle
See back cover for details

A portfolio of modular systems built around your application needs.
Systems starting at \$4350.

Tecan is a leading global provider of laboratory instruments and solutions in biopharmaceuticals, forensics, clinical diagnostics, academic centers, and life science industries. Tecan specializes in the development and production of automation solutions and detection instruments such as microplate readers and washers. Founded in 1980, Tecan has manufacturing, research and development sites in both North America and Europe, and maintains a sales and service network in 52 countries. For the past 30 years, Tecan has had over 50,000 customers depend on us for instrument solutions.



Infinite[®] 200 PRO Microplate Reader

Affordable, easy-to-use, modular microplate reader with a full range of leading detection modes

The Infinite 200 PRO provides a full range of leading detection methods in one easy-to-use modular instrument, with either Quad4 Monochromator[™] or Filter-based technologies.

M200 PRO – Tunable Monochromator optics

The Infinite M200 PRO offers superior design and functionality backed by over 10 years of tunable Quad4 Monochromator[™] reader innovation and experience. With the ability to measure at any wavelength from UV to NIR, the Infinite M200 PRO delivers excellent flexibility and sensitivity without the need for filters or inconvenient hybrid designs.

F200 PRO – Filter optics

The Infinite F200 PRO uses a patented intelligent filter slide system that makes managing and using filters simple and intuitive. In addition to Absorbance, Fluorescence, and Luminescence detection mode options, the F200 PRO offers a Fluorescence Polarization module for binding studies in homogenous mix and read assays. A dichroic filter allows TR-FRET applications and the filter modules offer a cost-efficient solution for routine applications at fixed wavelengths.

Features

- Absorbance
- Fluorescence bottom reading
- Fluorescence top reading
- Luminescence
- Temperature control
- Injectors
- Precise Regulation of CO₂ and O₂ levels with Gas Control Module (GCM)
- NanoQuant Plate for small volume 2µl samples
- Fluorescence Polarization (F200 PRO only)
- Cuvette port (M200 PRO only)

Applications

- ELISAs
- DNA/RNA Quantitation
- Protein Assays
- Ion Channel Assays
- Reporter Gene Assays
- Cell Viability & Cytotoxicity Assays
- Binding Assays
- Enzyme Kinetics
- FRET & BRET
- HTRF
- Microbial Growth Assays
- Fluorescent Protein Assays

***i-control*[™] reader control software**



- Intuitive, workflow oriented drag and drop software
- Easy DNA/RNA quantification and labeling efficiency determination
- Multiple samples read in a matter of seconds
- Automatic data output to Excel[®]



***Magellan*[™] data analysis software**

- Versatile user interface
- Routine tasks made easy
- Ideal for multiple applications—endpoint, kinetics, scanning
- Powerful data reduction capabilities including all major curve fits

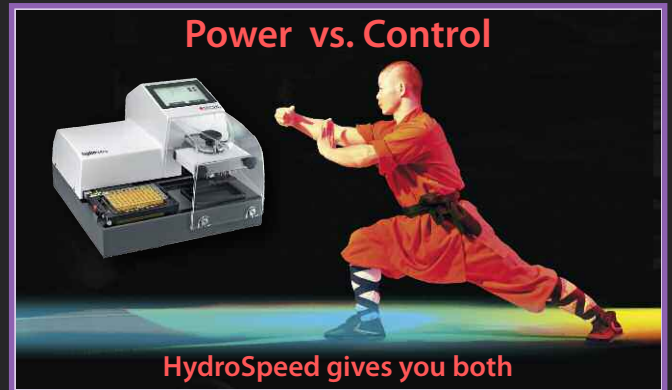


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Contact your BioExpress Representative for a quotation to configure a system to your specifications

The HydroSpeed™ Microplate washer

Speed and control for optimized ELISA, bead, and cell washing in 96 and 384 well plates



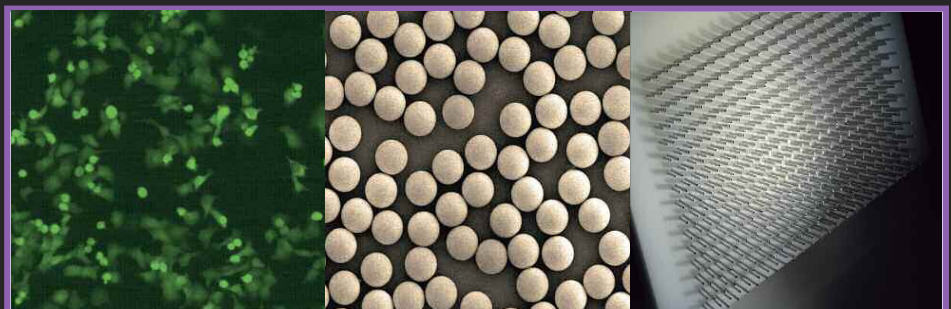
- Cell Protection™: dropwise dispense speed to avoid cell detachment
- Anti-Clogging™: automated start of rinse and soak of wash head to avoid buffer crystallization
- Easy X-change wash heads which can be cleaned in an external ultrasonic bath
- Adjustable vacuum level and aspiration position for optimized bead recovery
- 96-Indexing wash head for flexible washing in both 96 and 384 well plates without swapping wash heads
- Interchangeable 96HT and 384HT wash heads for dedicated high speed washing in 96 and 384 well formats
- 3 optimized magnetic carriers for bead based assays: MBS 384 carrier, smart-2 MBS 96 carrier and MBS 96 carrier
- Advanced vacuum filtration module for non-magnetic beads
- Easy-to-use touchscreen interface for full on-board operation
- HydroSpeed can be used with Tecan's Connect Stacker for batch processing of 50 plates



Easy-to-use touchscreen interface



Extra gentle wash settings for loosely adherent cells



Cell assays

- Cell Protection™ extra gentle drop-wise dispensing to minimize cell detachment
- Reduce turbulence via online optimization of dispense position
- Typical cell recovery of $\geq 85\%$ using tunable aspiration settings

Bead assays

- Fast bead settling thanks to a patent pending design using two magnets per well
- High bead recovery rates (typically $\geq 90\%$) via tunable aspiration settings
- Optional vacuum filtration for non-magnetic bead washing

ELISAs

- Anti-Clogging™ active prevention of needle blockage for reliable operation
- Automated rinsing and soaking of wash head for easy handling
- Easy X-change wash heads for straight forward ultrasonic cleaning

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Attention ELISA researchers!
Our most popular compact Washer
AND Reader for under \$10k

The HydroFlex™ Microplate Washer

An affordable compact design for optimized ELISA, bead, and cell washing in 96 and stripwell plates

The HydroFlex ELISA configuration—the reliable microplate washer for both ELISA and cell based assays.

- High wash efficiency with overflow washing for optimal ELISA performance
- Multiple aspiration points per well for low residual volume
- Drop-wise dispensing and tunable aspiration rates for gentle washing weakly adherent cell based assays
- Automated buffer switching



Infinite® F50 Absorbance Reader

New state-of-the-art ELISA microplate reader with an extremely small footprint and the latest LED technology

The Infinite F50 is Tecan's next-generation, 8-channel absorbance microplate reader that provides accurate, reproducible, and fast measurements out of a compact, innovative design. F50 is ideal for a variety of ELISA applications.

- Magellan™ Reader Control and Data Analysis Software for qualitative and quantitative ELISA analysis
- Endpoint and Kinetic measurements
- Shaking
- Maintenance free LED technology
- 8 position filter wheel with 405, 450, 492, and 620nm filters included
- 2-year warranty



Save over \$1700

Cat. No.	Description	List	Special Bundle Price!
R-4700-BNDL	HydroFlex ELISA/Infinite F50 Bundle	\$11,718	\$9,995
Includes:			
• HydroFlex ELISA Microplate Washer (white), 8-channel manifold, 2 liquid dispensing channels, HydroControl software			
• Infinite F50 Absorbance Microplate Reader, 405, 450, 492, and 620nm filters, Magellan software			

Contact your BioExpress Representative for a quotation to configure a system to your specifications

Special pricing expires: 12/31/11