

Life Sciences

Including microplate readers, cell imagers,
test and routine lab equipment



Microplate Readers

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Routine Lab Equipment

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Hidex Sense

The Hidex Sense is a compact, state-of-the-art, multi-mode microplate reader which provides a powerful and flexible platform for performing any kind of assay without limitations.

The Beta Plus version of the Sense uniquely combines liquid scintillation counting (LSC) with all common non-radiometric measurements, such as fluorescence and absorbance, into one very compact unit.

The dedicated PMT detector for LSC is also utilised to obtain ultra-high sensitivity luminescence for demanding applications and for reducing reagent use in assays such as dual luciferase. This option provides users with up to 10 times more sensitivity than other common plate readers.



Favourite and recent assays are ready to run instantly

Plate stacker ready

Temperature control up to 65°C

Spectrograph for absorbance, 220-1000 nm in < 0.3s per well

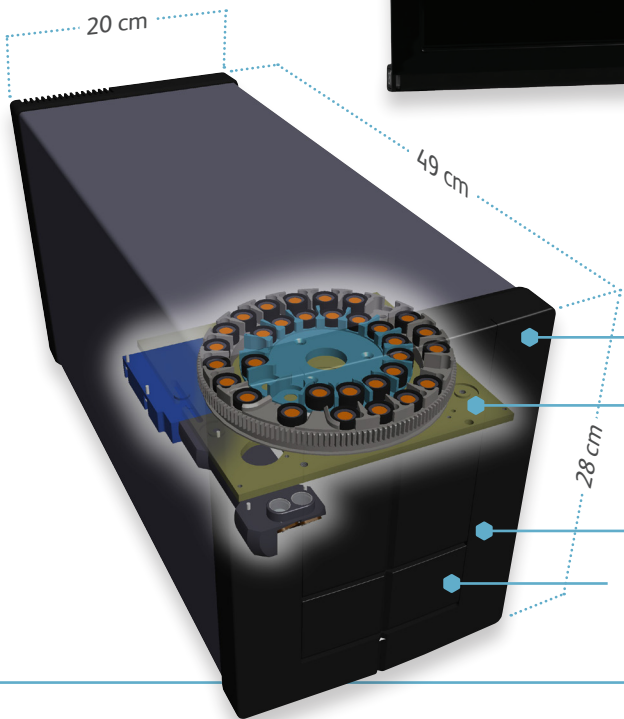
Unique option of LSC on the same platform as non-radiometric technologies

Very compact – weighs only 13 kg

Filter wheel increases speed and sensitivity and has space for 32 filters used for both excitation and emission

Holds plates 1 - 1536 wells

Orbital and double orbital shaking



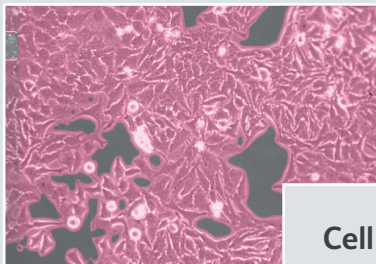
InCellis

Providing coloured imaging in brightfield, phase contrast and fluorescence, the InCellis is the perfect instrument to produce publication quality images of cells for both cell culture and tissue slides.

The on-board applications allow easy calculation of cell confluency, cell transfection and cell counting in just a few seconds.

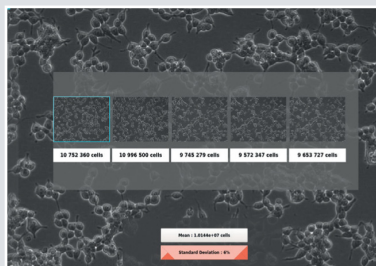
With the flexibility and efficiency of the InCellis, biologists can easily qualify samples for further analysis.

Cell Proliferation Study



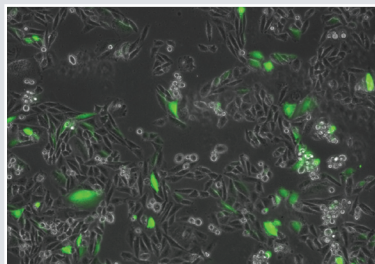
A549 cell line in phase contrast with 20 x LWD objective.

Cell Counting



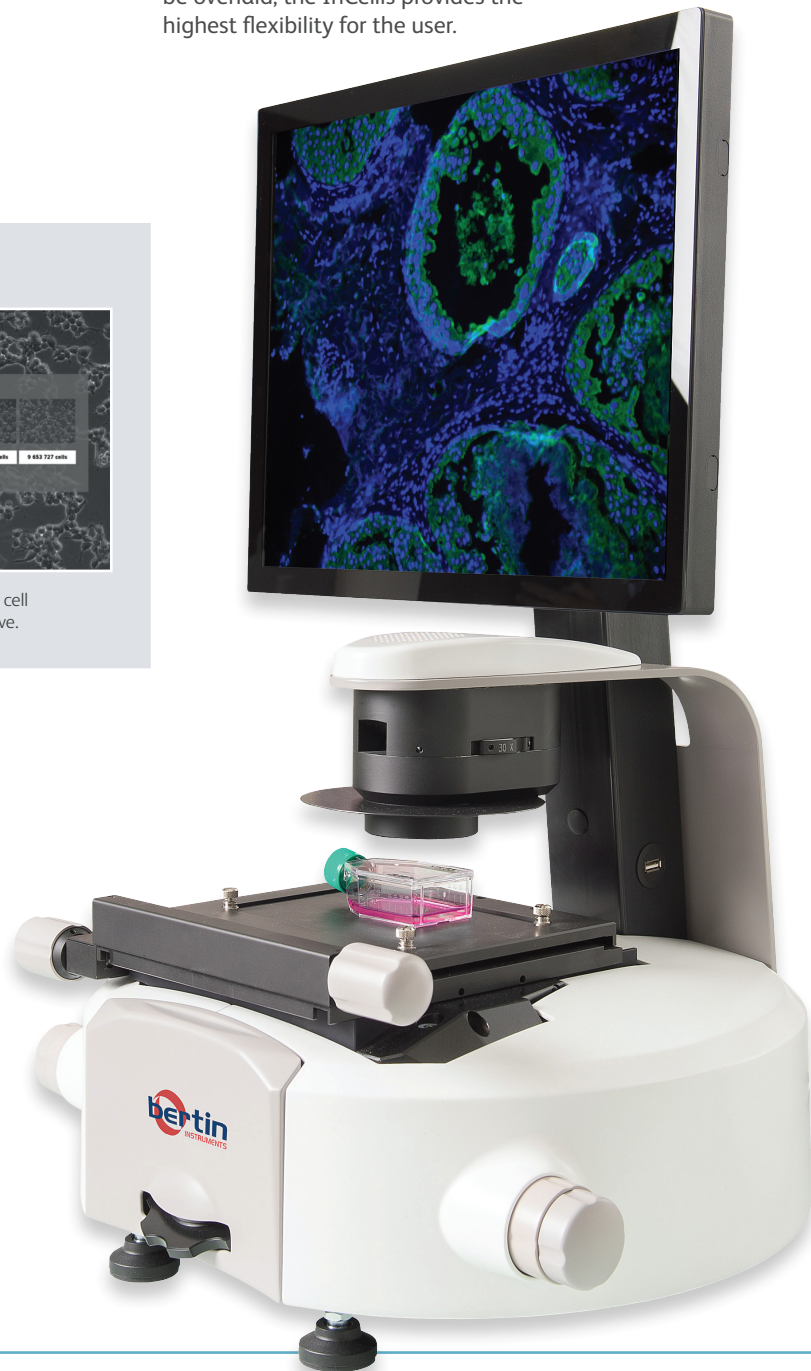
5 different fields of view of NIH3T3 cell culture, with 20 x LWD F1/Ph objective.

Transfection efficiency 'in the flask'



HeLa transfected cell culture, overlay of white light phase contrast and GFP channel, imaged with 20 x LWD F1/Ph objective.

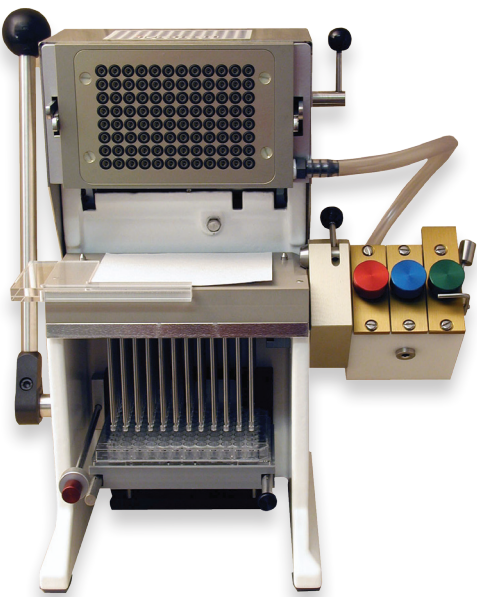
- **High Sensitivity** – The Low Light CMOS sensor with licensed Kameleon technology detects low intensity fluorescence and provides the highest sensitivity for the user.
- **Embedded applications** – The intuitive software and embedded applications allow easy and automatic calculation of cell within your sample
- **User friendly interface** – A wipe-down touchscreen interface makes the InCellis incredibly user friendly. It is designed to require minimal training to use, and all settings are easily adjustable.
- **Flexibility** – With 6 positions for the objective turret and up to 4 fluorescence channels that can also be overlaid, the InCellis provides the highest flexibility for the user.



Cell Harvester

Originally developed in co-operation with the prestigious Basel Institute for Immunology, this Cell Harvester is now used worldwide for all glass fibre filter collection applications.

- High throughput, high quality.
- 96 concentric aspiration and collection tips on the Harvester processing head permit highly efficient collection of the entire culture well contents and the follow-up washing solution.
- Samples can also be harvested from 1, 2 or 5 ml tubes.
- Available for 24, 48, 96 well formats with filter plate and filter mat compatibility.



Heavy Duty Orbital Shakers

Featuring load capacities from 16 to 68 kg and over 70 accessory options, these Heavy Duty Shakers are designed to handle a range of applications, providing reproducible motion that is evenly distributed throughout the entire surface of the tray.

- Available as analog or digital models with microprocessor control to provide variable speed and consistent shaking, while ramping to the set speed.
- Microprocessor displays the last set-point and will restart if power is interrupted.
- Built-in tray and non-slip mat included with all models.

Incubating, Rocking and Waving Shakers

These Incubating, Rocking and Waving Shakers are designed to incubate samples from 5°C above ambient to 65°C to provide accurate and repeatable results

Rocking shakers provide a see-saw like motion, while waving shakers offer a smooth, low-foaming three-dimensional 'wave' motion.

All models feature LED displays with touchpad controls. Both models include safety feature that protect both the user and samples.



Mini Vortex Mixers

Built sturdy to provide stable and reliable vortexing action, Mini Vortex Mixers are ideal for applications that demand repeatable results.

- Microprocessor control maintains set speed for strong, consistent mixing action.
- Timer displays elapsed time, or when programmed to user defined time limit, the unit will shut off upon reaching zero.
- Two modes of operation; continuous mode when using accessory attachments or touch mode which activates mixing when depressing the cup head.
- LED displays for speed and time.



Heavy-Duty Vortex Mixers

The heavy-duty design and efficient motor allow this mixer to operate in continuous duty and handle all accessories over the entire speed range.

Choose from two modes of operation: 'Touch' mode for mixing tubes when the cup head or the Universal Holder with cover is depressed, or 'On' mode when using any of the accessory attachments for continuous operation.

Dry Block Heaters

These multi-purpose units are ideal for incubation and activation of cultures, enzyme reactions, immunoassays, melting/boiling points and a wide variety of other laboratory procedures.

Each of the five models accept separate interchangeable modular blocks, accommodating various sample enclosures such as micro-tubes, centrifuge tubes, vials microplates, and PCR strips or tubes.

Each block has a thermometer well for measuring block temperature. Anodised aluminium modular blocks provide superior temperature stability and heat transfer. Heaters require modular heating blocks for operation (these are sold separately).

- High wattage.
- Economical, versatile, and compact.
- Analog controls.



Mini Hotplates and Stirrers

The Basic Mini Hotplates, Stirrers, and Hotplate-Stirrers are rugged compact units that heat and stir up to 1000 mL of liquid.

- Ceramic tops feature a chemical resistant white reflective top plate that is easy to clean.
- Bi-metallic thermostat offers reliable temperature control.
- Powerful heater reaches maximum temperature in only minutes.
- Powerful motor and magnet deliver reliable and consistent stirring.
- Compact design saves bench space.
- Built-in support rod holder with locking knob accepts optional Support Rod and Clamp Kit.



Frontier Centrifuge (Multi)

Powerful and versatile universal centrifuges for virtually every lab application.

These multi-purpose centrifuges offer a high-speed centrifugation platform which can be customised to workflow needs using a wide variety of rotors and accessories.

- Intuitive design enables easy access to parameter settings, and quick rotation between applications.
- German engineered performance.
- High quality components ensure reliable use.

Frontier Centrifuge (Mini)

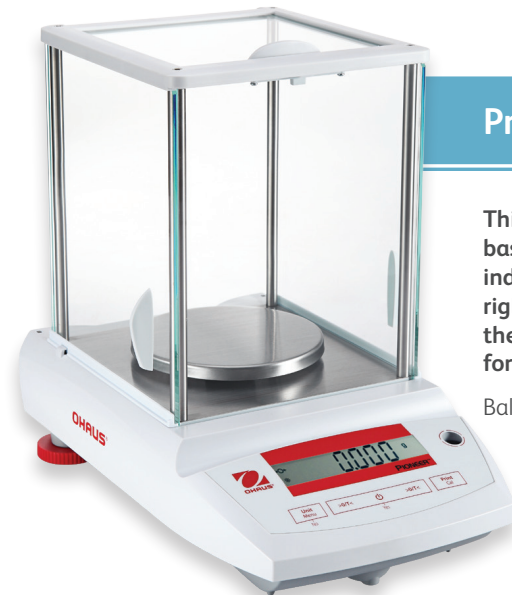
A powerful and convenient mini centrifuge for simple and quick life science separation applications.

With a low voltage power input, quiet brushless motor and a rubber base that absorbs vibrations, the Frontier 5306 minimises operational noise and reduces disruptions in the laboratory.



Analytical Balances

The Explorer's advanced applications simplify even the most complex laboratory measurements. Whether it is determining the difference between initial or residual weights or calculating the density of solids and liquids, the Explorer eliminates the need for time-consuming manual calculations and data logging. Its high resolution display and innovative user interface make balance set-up and application use effortless.



Precision Balances

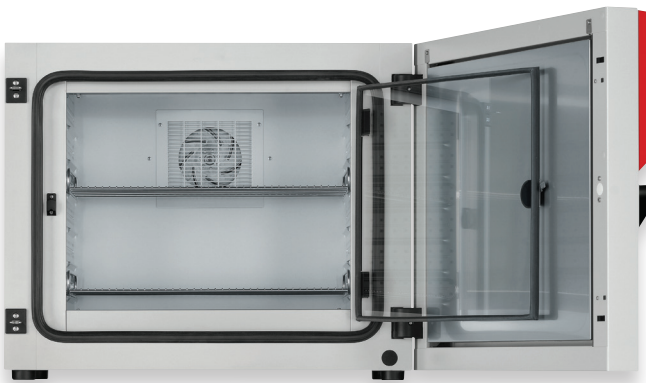
This precision balance range is designed for basic routine weighing in a variety of laboratory, industrial and education applications. With the right combination of performance and features, these balances offer uncomplicated performance for all your basic weighing needs.

Balances available up to 5 decimal places.

SevenExcellence™ pH/mV Meter

The SevenExcellence™ pH/mV Meter redefines flexibility and offers various measurement parameters in the form of one meter. It not only measures pH and ORP with classical sensors, but also supports pH measurement with ISFET technology.

Starting an analysis, changing the settings and accessing the results is easily achieved thanks to the cleverly devised touch screen menu operation.



Cooled Incubator

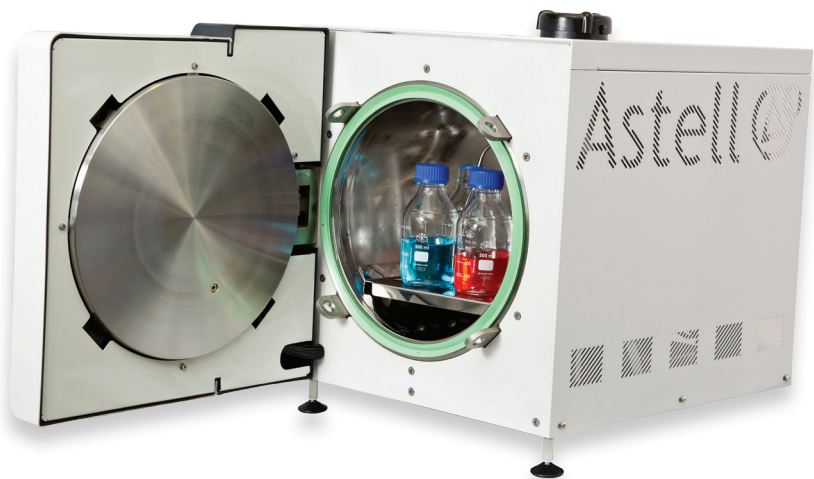
This product combines outstanding performance with impressive energy efficiency and environmental friendliness. These cooled incubators are state-of-the-art in application and provide complete protection of samples.

- Electronically controlled APT.line™ preheating chamber and patented DCT™ refrigeration system assuring temperature accuracy and reproducible results in both heating and cooling situations.
- Temperature range: -5°C to 100°C.

Front Loading Autofill Autoclave

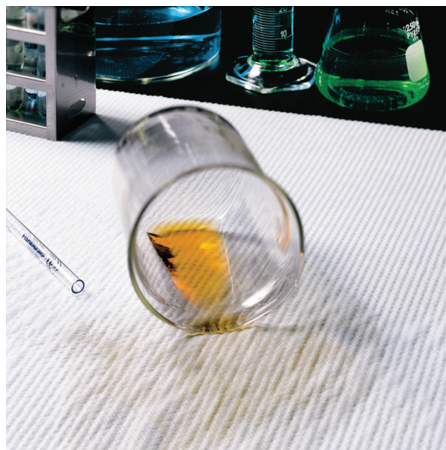
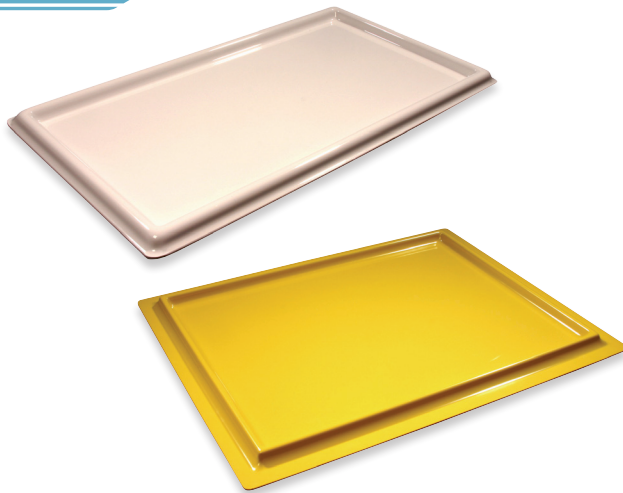
This front loading autoclave is totally self contained, requiring no plumbing and only a standard single phase power supply.

Once filled, the unit's integral reservoir provides water for up to 15 cycles and also acts as a collection vessel for condensate, the water from which is automatically returned from the chamber at the end of each cycle.



Safety Trays and Liners

Spill trays provide a reusable work area with the added benefit of safe containment of spillages and lab bench protection.



Versi®-Dry Lab Soakers

- Versi-Dry Lab Soakers feature a highly durable blue top layer that remains intact even when wet. They absorb spills quickly and provide a soft thick cushion for fragile items.
- Each soaker is super absorbent up to 1050 ml/m².
 - Available on rolls or pre-cut sheets.

Safety Assay Mat™

Made from rayon with a cellulose filler and water resistant polyethylene backing, this large size mat provides ample room to organise all work materials.

- Highly absorbent surface reduces the spread of contaminated liquids.
- Warning tape can be used to hold mat in place.



Micro-Tube Locks

Ideal for high temperature incubations, freezing and thawing procedures.

- Locks prevent lids from opening during temperature and pressure changes.
- Tab design allows tubes to be lifted easily in and out of water baths.
- Supplied 100 per package in assorted colours.



Micro-Tube Opener

- Opens all 0.5 - 2.0 ml micro-tubes quickly and conveniently.
- Opener only touches the cap perimeter and reduces potential of aerosol contamination.
 - Prevents thumb fatigue when processing large numbers of tubes.
 - Made of autoclavable and chemical resistant polypropylene and supplied in assorted colours.

General lab equipment
Available on request





Service and Support

Users of our systems can benefit from our comprehensive, fully inclusive service and support.

We can give reassurance that if things go wrong or you need expert advice, help is only an e-mail or phone call away.



Validation Services

Our Validation Service enables you to implement and get maximum value from your investments as soon as possible.

We work as a partner with your Quality Manager, System Manager and users to provide a tailored Validation Plan, suited to your needs. Our Validation Specialists have years of experience in GLP system validation, detailed knowledge of our systems, together with other industry standard systems to help you meet company and regulatory requirements.



Training

LabLogic can provide a variety of training courses and workshops to help you get the most out of your instruments and software.

All training is performed by our expert Product and Support Specialists who have many years experience in the development and use of the instruments and software.

Certificates can be provided to complement your internal GLP training records.

Related Products

Hidex 300 SL

Liquid Scintillation Counter



Hidex 600 SL

Automatic TDCR Liquid Scintillation Counter



Hidex Triathler

Liquid Scintillation Counter and Gamma Counter



Hidex Q-ARE

Automated Radionuclide Extraction System



Hidex AMG

Automatic Gamma Counter



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β Radio-HPLC Flow Detector



Logi-CHROM

HPLC Series



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ISO 9001



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