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our company

Witec AG
Since 1988, Witec AG has been active as a distributor for a number of instrument and reagent producers from around the globe in the Swiss life science market.

Traditionally our main activities are in the fields of PCR, real-time PCR, Electrophoresis, Western Blotting & Imaging, Spectrophotometry and Cell Biology.

Witec has set a new focus in the fast evolving market of Single Cell Biology. Having multiple hardware solutions in the genomics and proteomics fields for the complex analysis of single cells makes Witec a valuable partner in this field!

It is our aim to provide our customers with innovative products of high quality and a professional service and support. Our lean structure allows for high flexibility in finding the right solution for our customers – we go the extra mile!

Patrick Meyer
CEO

our sales & support team

Dr. Tim Hander
Product Specialist Genomics
Area Sales Manager Basel

Muriel Manzoni
Area Sales Manager
Western Switzerland | Berne

Nikola Djoric
Product Specialist Protein-SPR
Area Sales Manager
Zurich area | Ticino

our administrative team

Guido Meier
Head Administration

Fabienne Moos
Administration & Support

Brigitte Hubatka
Administration & Support
Advanta accelerates life science research by developing and supplying novel protein characterization tools that offer superior performance, simplicity and convenience.

Biochrom has a long history of making quality scientific instruments for a wide range of applications in the clinical, life-sciences and industrial markets.

BioCision is a life science research and development company that standardizes processes from lab to patient and is part of Brooks.

BioEcho aims to develop innovative products that drastically improve the quality, convenience and speed of standard molecular biology protocols.

BTX has been at the forefront of electroporation technology since they introduced the first commercially available electroporator in 1983.

Celsee Inc. is breaking through the traditional barriers of single-cell analysis and delivering clinical-grade technology designed to support the life sciences revolution and precision medicine.

Cole-Parmer is offering exceptional brands such as Stuart, Techne & PCRmax.

Hoefer’s extensive experience for gel electrophoresis and complimentary accessories allows us to deliver products that are intelligently designed for top performance and ease of use.

Labnet International is a leading worldwide supplier in a number of core product areas: centrifugation, liquid handling, shakers and rockers, constant temperature equipment, and laboratory plastics.

Namocell is a leading provider of single cell technology. They are specialized in the development, production and distribution of microfluidic-based single cell enriching, sorting and analysis platforms for life science research and clinical applications.

Celsa is the world leader in biotechnology reagent service industry. Fully integrated capabilities for custom peptide synthesis, protein expression and engineering, microbial reagents.

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Cole-Parmer is offering exceptional brands such as Stuart, Techne & PCRmax.
new products

AUTOMATED SAMPLE Prep SYSTEMS  FULLY AUTOMATED WB SYSTEM  LABEL FREE PROTEIN ANALYSIS  LABEL FREE PROTEIN ANALYSIS  CELL COUNTING

MGISP-100 | 960
High-throughput automated one-stop solution.

Nucleic acid extraction through an automated sample preparation system can optimize key speed-limiting steps in the detection process and increase the speed of large-scale sample detection as a whole.

eZWEST
Fully automated Western Blotting system.

eZWest is a fully automated Western Blotting system that shorten the entire process of binding, incubating, cleaning and primary antibody recycle.

Nicoya OpenSPR
Publication-quality binding kinetics & affinity data on your benchtop.

OpenSPR is the world’s only benchtop surface plasmon resonance (SPR) instrument. It provides high quality, label-free interaction analysis for a fraction of the cost of existing solutions.

ALTO
The world’s first digital high-throughput benchtop SPR system.

OpenSPR is the world’s only benchtop surface plasmon resonance (SPR) instrument. It provides high quality, label-free interaction analysis for a fraction of the cost of existing solutions.

ADAM CellT
Automated cell counter for cGMP.

ADAM-CellT complies with 21 CFR part 11 which is a regulation about electronic records and signatures for use in cGMP facilities.
special offers

5 year warranty offer & voucher CHF 1'000
for Genscript products

on all Fusion Western Blot Imagers
Solo/FX/Spectra
valid until 30.06.2020

25% trade-in offer

on NanoDrop One | OneC
Spectrophotometer WiFi
valid until 30.06.2020

SAVE UP TO
CHF 4'480.00
SAMPLE PREPARATION SYSTEMS

MGISP-100
DNA Sequencing Library Preparation System

- 8-32 samples | hour

Including PCR machine, magnetic rack, temp. modules

MGISP-100 Automated Sample Preparation System is an automated workstation specialized for high-throughput sequencing library preparation.

MGISP-100 integrated 8 channel pipette, processes samples in batches, eliminates operators from repetitive processing procedures, increases the stability of library preparation, reduces the total costs, and significantly enhances the overall efficiency in the laboratory.

MGISP-960
High-throughput Automated Sample Preparation System

- 36-96 samples | hour

Truly walk-away system - processes samples in batches

MGISP-960 High-throughput Automated Sample Preparation System is a flexible, fully automated workstation with 96-channel pipette.

MGISP-960 has validated lots of library kits, including WES/WGS/RNA and so on. MGISP-960 has fully automatic operation design, realize walk-away process, can be customized according to customer needs.

An efficient and widely used automated sample preparation system.
FUSION FX6 | FX7

The unrivaled Fusion FX is ideal for chemiluminescence, bioluminescence and UV fluorescence applications.

Chemiluminescent Western blot data poses distinct challenges in producing reproducible data. These problems stem from a low-dynamic range of detection and the difficulty in accurately determining the limit of detection. The Fusion FX Edge eliminates all these issues thanks to its high sensitivity reading camera technology which delivers reliable dynamic range, linearity and sensitivity for the lowest limit of detection.

- Custom Made V.070 Lens
  Fusion custom made lens for enhanced sensitivity and sharpness
- Dark room: Fully automated, software controlled darkroom with choice of transilluminator for gel documentation or Spectra module for multi-colour fluorescence based applications
- Integrated laser pointer to visualize the center of the blot
- Color imaging for molecular weight markers
- License free Software: New, easy-to-use FusionCapt Software adapted to work flows - one click to get the perfect image. Integrates marker addition, 3-D dynamic scan as well as a complete quantification package
- Upgradeability: System can be upgraded to multi-colour fluorescence applications

High-End Chemiluminescence Western Blot Imager

Choice between 2 cameras: EVO-6 camera, 6.3 MP, -30°C absolute cooling DARQ-9 camera, 4.6 MP, -65°C absolute cooling
FUSION FX6 | FX7

High-End Chemiluminescence Western Blot Imager

START
with a Fusion CHEMILUMINESCENCE Imaging System
and run your Chemiluminescence Western, Northern or Southern blot applications.

UPGRADE
your CHEMILUMINESCENCE Imaging System with Fluorescence Channels
and cover additionally multiplexing fluorescence, bioluminescence and chemifluorescence applications.

INCREASE
the application range of your system with a Transilluminator
and run your Coomassie and Agarose gel documentation.

INCLUDE
the BIOSTHESIA MODULE*
and start with In Vivo applications.

END-UP
with CHEMILUMINESCENCE Western, Northern, Southern blot, FLUORESCENCE Imaging, GEL DOCUMENTATION and IN VIVO* Applications.

*Option only for Fusion FX7
FUSION SOLO S

The Fusion Solo S is the ideal system for laboratories that need to find an alternative to their film for Western blot imaging.

FUSION SOLO Edge is a dedicated chemiluminescence system with extendable fluorescence capabilities. Equipped with the identical optical key components as FX and FX Touch systems, SOLO features the same sensitivity and optical quality in a slightly more manual imaging workflow.

**Upgradeable**
- Dedicated chemiluminescence system with extendable fluorescence capabilities
- Optional epi or trans-illumination options for blot or gel
- Adaptable to Spectra Capsules for Epi UV, blue, green, red, NIR, IR fluorescence options on blots

**Ideal For Quantification**
- Reproducible and comparable quantification data
- ImageMaster™ technology to obtain the optimum image for quantification
- Scientific TIFF file or proprietary file format
- Clarity™ technology for razor sharp band revelation without affecting data integrity

**Unrivaled Performance**
- Better sensitivity than a film
- Unique custom made V.070 lens performance for super-fast image acquisition
- Reproducible and comparable quantification data
- Best signal to noise ratio of the industry for the lowest limit of detection

Choice between 2 cameras: EVO-6 camera, 6.3 MP, -30°C absolute cooling
DARQ-9 camera, 4.6 MP, -65°C absolute cooling
MULTI-COLOR FLUORESCENCE

SPECTRA CAPSULES - Multi-Colour Fluorescent Imaging

Choose Any Possible Wavelength

The Spectra Light Capsules are powerful fluorescence excitors with focused light for uniform illumination and enhanced power. Equipped with primary and secondary optics, the Light Capsules are categorized as Laser Class II due to their intense power.

Choose from 8 LED Light Capsules to cover the complete standard spectrum from UV to infra-red. Each Capsule produces a monochromatic light of a different wavelength with a very narrow-band illumination. This reduces the cross-stimulation and increases the sensitivity of your images from 400 to 700nm.

- 365nm, SPECTRA Capsule-UV-365nm
- 440nm, SPECTRA-Capsule-Deep-Blue-440nm
- 480nm, SPECTRA Capsule-Blue-480nm
- 530nm, SPECTRA Capsule-Green-530nm
- 640nm, SPECTRA Capsule-NIR-640nm
- 680nm, SPECTRA-Capsule-680nm
- 740nm, SPECTRA Capsule-IR-740nm
- 780nm, SPECTRA Capsule-IR-780nm
NEWTON - IN VIVO IMAGING

The unrivaled Newton 7.0 is ideal for chemiluminescence and bioluminescence, for in vivo and in vitro applications.

The NEWTON 7.0 system combines high sensitivity with advanced animal-handling features and user-friendly time-saving operation.

The NEWTON 7.0 proprietary optics have been specifically developed for macro imaging with high light collection capacity, incorporating a unique combination of high numerical aperture and long working distance.

- **Superior Quantitative Results**
  Ultimate linearity for precise protein quantification over the full dynamic range.

- **Multispectral Imaging**
  Ultra-low noise imaging thanks to a dual camera amplifier architecture.

- **Custom Made V.070 Lens**
  Fusion custom made lens for enhanced sensitivity and sharpness.

- **Narrow Bandpass Filters**
  Time to get the image is drastically reduced and precious antibody can be saved.
NEWTON - PLANT IMAGING

The NEWTON 7.0 BIO is a highly sensitive optical imaging system dedicated to the imaging of plants. It combines the best optics and technological features for optimum scientific images and results.

With the NEWTON 7.0 optical imaging system, you can image bioluminescent reporters like firefly luciferase and rapidly quantify the signal. The system allows you to visualize infections in whole plants and leaves, compare plant virology, regulate plants growth or observe the stress tolerance.

APPLICATIONS
- Comparative Plant Virology
- Genetic Regulation
- Infection in plants (viruses, disease etc)
- Regulation of plant growth
- Stress Tolerance

DETECTION
- Luciferase expression
- UV irradiation
- GFP expression
- Chlorophyl phosphorescence
- NIR illumination
eZwest

eZwest is a fully automated Western Blotting system that shorten the entire process of binding, incubating, cleaning and primary antibody recycle.

- **Quick & easy:** complete the process of binding, incubating & washing as quick as 1 hour.
- **Automatic:** The whole process is highly automatic
- **Good Performance:** Sensitivity is better than conventional manual method.
- **High throughput:** Lite version provides 1 channels (for 2 membranes); Pro version 4 channels (for 8 membranes)
- **Antibody saving:** could save at least 20 % antibodies and recycle 70% antibodies.
- **Flexible:** Procedures are customizable and more flexible.

Classical Western Blot Detection:

- 4.5 Hours

Fully automated Western Blotting system
eBlot® L1 wet protein transfer system is a highly efficient western blotting transfer system that uses a novel technology developed by GenScript. eBlot® L1 combines the high reproducibility and efficiency of the traditional wet transfer with the speed and convenience of other fast transfer systems. The device allows efficient blot transfer of small, medium and large molecular weight proteins within 9-17 minutes.

The eBlot® L1 system is for wet electroblotting of proteins from mini gels onto PVDF or nitrocellulose membranes.

Enjoy the top-quality and rapid protein transfer eBlot® L1 brings you!

**Fast Wet Transfer System for Mini Gels**

- Better transfer efficiency
- Fast transfer time of 9-17 minutes
- High transfer efficiency for all protein sizes
- Easy to assemble, one button operation
- Programmable: customized protocols
- Transfer 1 or 2 gels at time
WesternBright™ ECL

WesternBright is a horseradish peroxidase (HRP) substrate optimized for chemiluminescent Western Blots.

Strong signal and low background allows for greater sensitivity, shorter exposures, and conservation of precious antibodies.

WesternBright™ QUANTUM

HRP substrate for high sensitivity chemiluminescent detection using CCD-based imaging systems.

Extremely long signal duration (up to 10 hours).

WesternBright™ ECL Spray

Gives you both components of WesternBright ECL in one convenient spray device.

No measuring or mixing required – just spray the reagent onto a blot and image.

WesternBright™ SIRIUS

HRP substrate designed for maximum sensitivity with detection limits down to the femtogram range.

Allows for reduced antibody input.

HRP - ANTIBODIES

Advansta’s high-quality HRP-conjugated secondary antibodies offer excellent performance for immunoblotting.

- **Performance** – excellent signal in immunoblotting and ELISA applications
- **Convenience** – each antibody is demonstrated to provide optimal results with Advansta’s protein detection systems
- **Purity** – each antibody is affinity purified to maximize specificity
**BlueBlock PF (10x) for Blotting and ELISA**

*Ready-to-Use, Protein-Free, Polymer-Based Blocking Reagent.*

- No need for weighting or dissolving, saves time and labour
- Increased signal intensity compared to protein-based blocking reagents
- Suitable for colorimetric and chemiluminescence detection systems

**Xpress Blotting Kit**

*Fast and Efficient Protein Transfer in only 15 min.*

- Blotting Fleece instead of several layers of blotting paper for undisturbed transfer
- Ready-to-use – no preparing of buffer or cutting of blotting papers or membranes
- Compatible with nitrocellulose and PVDF membranes

**Low Fluorescence Western Membrane (PVDF)**

*Convenient nitrocellulose and PVDF membranes for Western blotting.*

- Performance – quality controlled for background-free Western blots
- Convenience – membranes available pre-cut and as rolls
- Flexibility – choose the right membrane for your Western blotting application
- High signal-to-noise ratios – with low background levels

**AdvanStain Ponceau**

*Protein stain for membranes.*

- Quick – detect proteins in 5 minutes or less
- Reversible – destain in minutes
- Compatible – after destaining, PVDF and nitrocellulose membranes are ready for Western blotting
INFINITY

The Infinity is the ultimate gel-doc system with extendable capabilities. The system can grow according to your laboratory needs, from fluorescence to chemiluminescence Western blot applications.

Upgradeable To Chemiluminescence
Upgrade your system to Western Blot chemiluminescence imaging

Fluorescence Multiplexing
Ideal for RGB fluorescence and multiplex Western blot when combined with a Spectra-Pad.

PadBox Concept
Interchangeable light pad for UV, blue, green & red fluorescence.

Ultimate Performance
Ideal for publication, quantification and documentation grade imaging

- CX5 Camera
- Image resolution 5 (-20) megapixels
- Grey levels | AD: 65536 | 16 bit
- Field of view: 26 x 21cm
- Filter wheel: 4 positions | UV cut-off filter
- Pad Box: slide-out with automated recognition of Pad inserted
- Applications: DNA/RNA gels & fluorescence stain imaging. Colorimetric stained protein gels, X-Ray films, autorads, SSCP gels, colony dish & flask imaging and other EPI white
QUANTUM

The Quantum combined unrivaled ease of use and gel imaging performance. You just need one click to the image without.

COLORIMETRIC STAINS - THE APPLICATION MASTER
A colorimetric stain can be used for protein detection after the bands have been separated by electrophoresis. Our systems offer several reflective and transmitting illumination options for colorimetric stains

- CX5 Camera
- Image resolution 5 (-20) megapixels
- Grey levels | AD: 65536 | 16 bit
- Field of view: 26 x 21cm
- Filter wheel: 10 positions | UV cut-off filter
- Pad Box: slide-out with automated recognition of Pad inserted
- Applications: DNA/RNA gels & fluorescence stain imaging.
  Colorimetric stained protein gels, X-Ray films, autorads, SSCP gels, colony dish & flask imaging and other EPI white
The E-Box is the ideal stand-alone imaging system for your gel documentation. It offers the best sensitivity and speed, and reaches the lowest limits of detection for your DNA, RNA and protein applications.

**One Click To Image™**
Automatic control of the camera, lens and lighting for an unrivaled ease of use.

**Apps Studio**
A complete library of gel imaging applications to ensure reproducibility.

**SuperResolution**
Very high level of detail and more quantitative information.

**PadBox Concept**
Interchangeable light pad for UV, blue, green & red fluorescence.

**APPLICATIONS**
- **DNA and RNA gels and fluorescence stain imaging:** Ethidium bromide, Sybr-Safe, Sybr-Green, Gel-Red, Gel-Green, Sybr-Gold, GFP, Pro-Q Emerald, Sypro ruby, FITC, DAPI
- **Colorimetric stained protein gels, X-Ray film, autorads, SSCP gels, colony dish and flask imaging and other EPI white light applications**
  - Coomassie blue, Silver stain, Ponceau S Red, Copper stain...
- **Sky-Pad or Blue light conversion screen for DNA/RNA detection (avoid «nicking» DNA)**
  - Sybr Safe, Sybr Green, eGFP
The Bio-Print is the ideal system for laboratories that do not want to compromise performance with budget constraints.

**Auto-Exposure**
One click to take the image for an unrivaled ease of use.

**Free Software**
Free complementary software for image enhancement, editing and image analysis.

**Space Saving**
Small footprint for laboratories with space constraint.

**Scientific USB-3 Camera**
The latest technologies for your gel documentation.

**APPLICATIONS**
- DNA and RNA gels and fluorescence stain imaging:
  Ethidium bromide, Sybr-Safe, Sybr-Green, Gel-Red, Gel-Green, Sybr-Gold, GFP, Pro-Q Emerald, Sypro ruby, FITC, DAPI
- Colorimetric stained protein gels, X-Ray film, autorads, SSCP gels, colony dish and flask imaging and other EPI white light applications
  Coomassie blue, Silver stain, Ponceau S Red, Copper stain...
- Sky-Pad or Blue light conversion screen for DNA/RNA detection (avoid «nicking» DNA Sybr Safe, Sybr Green, eGFP
eStain® L1

eStain L1 is a highly efficient protein PAGE gel staining system, which uses Coomassie Brilliant Blue and a patented protein staining technology developed by GenScript. eStain L1 staining system integrates the traditional three steps of fixing-staining-destaining into one and can stain/destain two protein PAGE gels simultaneously in 10 minutes or less.

eStain L1 works with all types of precast as well as homemade PAGE gels. Compared with the conventional staining methods, gels stained by eStain L1 have crisp blue bands with minimum or no background. eStain L1 also offers superior sensitivity compared to conventional methods and can detect as low as 12.5 ng of protein.

- **Efficient Clean Convenient**
- **Revolutionary Electrophoretic Staining Technology**
- **Staining in less than 10 minutes**
- **Staining reagents pumped automatically**
- **Compatible with all types mine PAGE gels**
POWER SUPPLIES

ENDURO™ 303 volt Power Supply

The ENDURO™ Power Supplies are ideal for DNA, RNA and protein electrophoresis as well as blotting. They provide a high degree of sophistication and versatility yet are extremely easy to use. Three models are available to meet a variety of needs.

- Dependable performance, intelligent control
- Simple to program
- Constant voltage, current or wattage
- Compact, lightweight and stackable

SERVA MP-310 Power Supply

The MP 310 power supply is a microprocessor-controlled power supply with full control range of designated current and/or voltage. MP 310 is designed to meet most electrophoresis needs in a personal, single, easy to use unit.

- Advanced power capacity: 300 V, 700 mA, 150 W
- Wide applications for DNA, RNA, and protein electrophoresis
- Microprocessor controlled
- Constant voltage or constant current

Hoefer PS200HC Power Supply

The PS200HC is ideal for large electrophoretic blotting applications and for low voltage electrophoresis runs. The small footprint, large handle, and simple operation makes the PS200HC easy to set up and use in your lab.

- 5-200 V, 10-2000 mA, 200 W
- 4 sets of 4 mm output jacks
- Continuous runs or 999 minute timer
- Constant voltage or constant current mode with automatic crossover

Hoefer PS600 600 V Power Supply

The midrange PS600 is designed for electrophoresis and blotting techniques including large format and high throughput applications. With the large, easy to read LED, simply set the constant parameter, set the timer (if desired), and push start.

- 5 to 600 V, 3 to 750 mA, 150 W
- Four sets of 4 mm output jacks
- Continuous runs or 999 minute timer
- Constant voltage or constant current mode with automatic crossover

Intelligent Power Supplies for your Lab.
GenBox Mini Electrophoresis tank

GenBox is designed to run 1 or 2 mini gels at the same time and the unique design accommodates SurePAGE, ExpressPLUS, Bolt, and NuPAGE gels.

The GenBox mini tank is designed for ultimate convenience and consistent performance compared to traditional electrophoresis tanks. Discover the versatile and easy to use GenBox mini tank for your gel electrophoresis and blotting needs.

- **Robust** - Achieve reproducible protein separation with GenBox
- **Efficient** - Convenitently run and blot your gels in the same tank
- **Flexibility** - Compatible with popular precast gels
- **Convenience** - Run up to 2 mini gels

**The GenBox Mini Blot Module is compatible with the GenBox Mini Electrophoresis tank,** which is interchangeable with the electrophoresis module.

The GenBox Mini Trans-Blot module accommodates two gel holder cassettes, which is useful for blotting 2 mini PAGE gels at the same time.
Horizontal Gel Units

The Hoefer horizontal range entails 13 individual units determined by gel tray size and sample throughput. The smallest one, the Mini, is for 6 x 7.5 cm gels, the largest one, the Maxi-Plus, is for 25 x 30 cm gels.

- Robust acrylic tank construction 12 mm walls, leak proof
- Safety lid with integral power leads
- Long-life, 99.99% pure platinum electrodes

Vertical Gel Units

SE250 | SE260 - vertical Electrophoresis units

Hoefer’s small format vertical electrophoresis systems require reduced gel and buffer volumes and shorter separation times than the standard sized units. The units can run 1 or 2 gels and up to 36 samples simultaneously.

- Support a wide variety of precast gels
- Efficient active cooling ensures sharp bands
- Quick and easy to assemble
- Choose from a wide variety of combs and accessories
- Glass plate sizes: 8 x 10 cm (SE250), 10 x 10.5 cm (SE260)
GenScript SurePAGE, Bis-Tris, 10 cm x 8 cm gels are high-performance precast mini polyacrylamide gels with a special design that allows large sample loading volumes. The unique formulation of the gel and cassette design enables superior band resolution and significantly improved band evenness.

SurePAGE gels are cast in a neutral pH buffer that minimizes polyacrylamide hydrolysis, increases gel stability and minimizes protein modification.

Compatible Gel Tanks
- Bio-Rad Mini-PROTEAN® II & 3* | Bio-Rad Mini-PROTEAN®Tetra System*
- Invitrogen Novex XCell I, II, & Surelock®
- LONZA PAGEr® Minigel Chamber
- Hoefer Mighty Small (SE 260/SE 250) | Hoefer Tall Mighty Small (SE 280)

SurePAGE, Bis-Tris, 10x8 gels are available in gradient (4-20%, 4-12%, and 8-16%) and homogeneous (8%, 10%, 12% and 15%) concentrations. Each gel concentration has comb configurations of 10-well, 12-well and 15-well.
Nicoya OpenSPR

OpenSPR is the world’s only benchtop surface plasmon resonance (SPR) instrument. It provides high quality, label-free interaction analysis for a fraction of the cost of existing solutions.

**Applications:**
- Kinetics/affinity characterization
- Competition assays
- Target identification
- Epitope mapping
- Screening
- Yes/No binding
- Concentration

**Compatible with:**
- Proteins
- Lipids
- Carbohydrates
- Antibodies
- Nucleic acids
- Small molecules
- Cells
- Viruses
- Nanoparticles & more
ALTO - SPR instrument

Alto is the world’s first SPR instrument to integrate digital microfluidics (DMF), artificial intelligence (AI), and nanotechnology.

MF technology enables all fluidics to be disposable, allowing for precise handling of 2μL sample volumes, crude sample compatibility and zero maintenance. Alto’s compatibility with automation for both hardware and software provides sample-in/answer-out data, industry leading throughput, and 24/7 runtime.

Applications

- Kinetics/Affinity Characterization
- Kinetics/Affinity Screening
- Competition Assays
- Yes/No Binding
- Concentration Analysis
- Thermodynamics
- Epitope Mapping/Binning

Compatible with:

- Proteins
- Antibodies
- Nucleic Acids
- Small Molecules
- Carbohydrates
- Lipids
- Cells
- Viruses
- Nanoparticles

Alto is capable of supporting operation in GXP and 21 CFR Part 11 in compliance with regulatory demands.
NAMO Single Cell Dispenser II & III

Dispenses single cells into 96-well plate in less than 1 minute. Captures 1 in 100 million cells in 5 minutes.

The Fastest Way to a Single Cell

Single Cell Dispenser System

It is affordable, user-friendly, and requires almost no training to operate.

FAST
- Single cell dispensing in
- 1 min/96-well plate, and 3 min/384-well plate
- Bulk sort 100M cells in 5 min

FLEXIBLE
- 100 cells minimal input
- Sample density can range from 100 cells/mL to 1B cells/mL

AFFORDABLE
- Low cost of total ownership

EASY
- Software-assisted prompts ensure foolproof operation
- Automated initialization and shutdown routines
- Zero maintenance

CHANNELS
- 2 detection channels: FL1 533 nm (FITC/GFP) FL2 585 nm (PE/PI)
- 3 detection channels: FL1 533 nm (FITC/GFP) | FL2 585 nm (PE/PI) | FL3 676 nm
HANA Single Cell Dispenser

Dispenses single cells into 96-well plate in less than 1 minute. Captures 1 in 100 million cells in 5 minutes.

Single Cell Dispenser System

- **FAST**
  - Single cell dispensing in 1 min/96-well plate, and 3 min/384-well plate
  - Bulk sort 100M cells in 5 min
  - 2 min system initialization

- **FLEXIBLE**
  - 100 cells minimal input
  - Sample density can range from 100 cells/mL to 1B cells/mL

- **AFFORDABLE**
  - Low cost of total ownership

- **EASY**
  - Software-assisted prompts ensure foolproof operation
  - Automated initialization and shutdown routines
  - Zero maintenance

- **CHANNELS**
  - Detection channels: SSC + FSC
    - FL1 533 nm (FITC/GFP)
    - FL2 585 nm (PE/PI)

It is affordable, user-friendly, and requires almost no training to operate.
GENESIS System

Analyse DOZENS OF ANTIBODIES simultaneously on thousands and millions of cells IN ONE SINGLE run.

Meet the Genesis System

The Genesis System enables scientists to analyze and interpret cellular behavior and to collect previously inaccessible cell-based information for improved results in applications such as

- single-cell cytometry, single-cell proteogenomics, single-cell transcriptomics, rare-cell enumeration, and immune monitoring.

Single-Cell Cytometry

High-parameter protein analysis that scales from hundreds to millions of single cells with the Genesis System.

- Limitless protein detection with no spectral overlap – push past the boundaries of traditional cytometry methods
- No lasers, droplets, heavy metals, or harsh processes
- No gating calibration

Single-Cell Proteogenomics

The Genesis System enables characterization of both RNA and protein at single-cell resolution.

- Delivers best-in-class cell population resolution
- Limitless protein detection with combined RNA measurement
- Reduced risk of batch effects with higher cell throughput
- No lasers, droplets, heavy metals, or harsh processes

Single-Cell Transcriptomics

Achieve deep cell population resolution with the Genesis System and scale to millions of single cells.

- Interrogate large numbers of cells at once with high capture efficiency
- Gentle gravity-based cell isolation without harsh droplet approaches
- Achieve cost-effective tissue atlases with high cell numbers
JuLI™ FL

Fluorescence Live Cell Movie Analyzer

With the states-of-the-art optics, JuLI™ FL enables users to perform the image capturing and the time-lapse movie making. It also can support cell counting and measuring the level of fluorescence expression.

- Time-lapse image capturing and movie making
- Cell counting and viability
- GFP or RFP expression level checking
- Dual system for comparative data (optional)

Run inside an incubator
The JuLI™ FL Fluorescence CHR can be operated inside a CO2 incubator for enough time to monitor cell culture. It means that researchers can perform cell culture in safe and stable condition.

JuLI™ FL has a wide range of applications as follows:
- Cell growth monitoring
- Cell migration assay
- Cell confluence detection
- Cell viability and counting
- Cell culture quality control
- Proliferation assay
- Cell-based assay optimization
Arthur is a 3-channel desktop image analyzer that allows users to perform assays for cells in suspension, including GFP and RFP expression, apoptosis, cell viability (live, dead, and total cells), cell cycle, and cell counting assays using state-of-the-art optics. It is compatible with a wide variety of eukaryotic cells. Depending on complexity of the assay and number of fields captured, it takes 10 seconds to 2 minutes that Arthur™ counts for a typical assay with only 25 µL of sample volume.
ADAM MC2

$^1$ Fast
25 sec
Less than 25 seconds

$^2$ Easy
3 step
Prepare sample, load, and get the result

$^3$ Accurate
0.98 $R^2$
Substantially equivalent to hemocytometer

Result analysis
- Total cells
- Viable cells
- Non-viable cells
- Cell viability (%)

ADAM-MC2 is a new standard of automated fluorescence cell counter. ADAM stands for Advanced Detection and Accurate Measurement.

ADAM-MC2 utilizes sensitive fluorescence dye staining, LED optics and CMOS detection technologies to make the cell analysis more accurate and reliable. It measures the number of total cells, viable cells, non-viable cells and shows viability results.

Combined with a disposable microfluidic chip, the operation is now extremely simple, easy, and cost-effective.

- Stem cell
- CAR-T cell
- CAR-NK cell
- Adipose-derived stem cell

The new standard of Automated Cell Counter

Less than 25 sec
ADAM CellT

ADAM-CellT complies with 21 CFR part 11 which is a regulation about electronic records and signatures for use in cGMP facilities.

It takes only 25 seconds for ADAM-CellT to present results. ADAM-CellT has an easy-to-use built-in tablet and complies with 21 CFR part 11. When 21 CFR part 11 mode is activated, data cannot be modified by any user. Every action is recorded in an audit trail including the date, time and specific details of the action.

Applications

- Stem cell
- CAR-T cell
- CAR-NK cell
- Adipose-derived stem cell
EVE™ PLUS

No more manual counting!

EVE PLUS counts the cells in less than 1 second with trypan blue staining method. It identifies and counts the individual cells within the clumpy cells for accurate analysis.

KEY FEATURES

- Count less than 1 second
- Manual and Auto focus function
- Count aggregated cells individually
- Trypan blue staining method
- Easy to use

The world’s fastest cell counter!
Moxi Z Automated Cell Counter

Moxi Z is the only automated cell counter that combines the Coulter Principle typically used in high-end cell counters with a patented thin-film sensor technology to allow for highly accurate (> 95%) and repeatable particle counting and sizing for a broad range of cell types – from mammalian cells to cells as small as wine yeast and more. Since today’s workflows demand accurate quality control of samples, determining cell counts precisely has a significant impact on outcomes and downstream costs.

- Incredible performance in a small package.
- More accurate and repeatable than any other automated cell counter
- Results in just 8 seconds
- Ultra-small and ultra-easy to use (no manual counting, no focusing of any kind)
- Complete, high-resolution cell size/count histogram
- Handles "de-aggregation" and coincidence events
- Post-processing/analysis of count distributions with user-adjustable regions/gates
- Assess cell health (MPI) without the need for reagents like Trypan blue
- Complete data analysis and data portability (connectivity to PC, and MoxiChart software package)
- No maintenance required
You’re about to look at cell counting in a whole new way.

Moxi Go II takes the pain out of routine Cell QC through fully auto and mating applications spanning standard cancer disease research workflows, at an amazingly affordable price.

The operating principle behind the Moxi GO II Flow Cytometers is a unique combination of Coulter-style cell size determination with simultaneous fluorescence detection. As cells flow single file through the microfabricated single-use flow cell the volume of each particle is measured at the exact same time as their primary fluorescence is measured using a 488nm (MXG102) solid state diode laser with and with the following emission filters - 525/45nm (e.g. FITC, GFP, Alexa 488) and 561nm/LP (e.g. PE, RFP). Thousands of cells are measured in the 10 second read time and the data are plotted in a gradient density scatter plot as Cell size (volume) vs. Fluorescence (PMT voltage).

**Prepare Sample**
Use one of ORFLO’s validated kits or create your own cocktail.

**Insert Cassette**
Moxi GO will auto-align to the cassette and auto-calibrate.

**Pipette Sample**
- Pipette prepared sample
- close door, test will complete in ~10 seconds

**Analyze Results**
- Adjust & store gates on device
- Drag & Drop screen shots for instant lab reports
- Save file for offline analysis
No more guessing about the correct viability ratio.

The Moxi GO 532™ can be utilized as an assay development instrument and many powerful cell based assays can easily be optimized and run on the system. These include:

- Gold-Standard Counts & Viability
- Cell surface immuno-labeling
- Apoptosis with PE - Annexin V
- Reactive Oxidation Species Experiments
- Rhod AM studies
- In-Cell Protein Quant
- Mito Potential Experiements
ECM 630

The ECM 630 is an exponential decay wave electroporation generator providing a broad range of voltage and time constants for full flexibility in varying transfection applications. The ability to select the resistance and capacitance values, and adjust the range of voltages is the key to achieving the optimal time constants and field strengths needed for efficient transformation of prokaryote and eukaryote transfection.

APPLICATIONS

- Transformation of bacteria and yeast
- Transfection of mammalian cells
- Transfection of plant cells & plant protoplasts
- High throughput 25/96-well
**C-CHIPS** Neubauer improved

- A precision disposable plastic hemocytometer, developed to solve the problems of conventional glass hemocytometer.
  - No need to cover-slip/ No need to wash for reuse
  - No more contact to hazardous materials (e.g., AIDS patient blood, urine)
  - Accurate and reliable
  - Quartz grade optical plastic

- New 4-channel type disposable hemocytometer!
  - Does not need coverslips
  - Eliminates the need of washing and reuse
  - Reduces exposures to the infectious samples and contamination
  - Guaranteed reproducibility and reliability
  - Four tests per chip
  - Made of sturdy and strong quartz grade optical plastic

**C-CHIPS 4ch** Neubauer improved

**C-SLIDES** cell counting chamber slides

- Compatible with the Countess and Countess II automated cell counters.
  - Sample volume: 10ul
  - Staining method: Trypan blue stain
  - Dimensions: W 25mm x L 75mm, thickness 1.6mm
  - Including one bottle of trypan blue (1.5 ml, 0.4%)

**EVE™** slides

- Compatible with the Countess and Countess II automated cell counters.
  - EVE Cell Counting Slides can be used with the EVE Automated Cell Counter to count cells and to determine cell viability accurately and precisely.
  - No need for coverslips
  - Guaranteed repeatability and reliability
  - Two tests per slide
AmMag™ SA - semi-automated Magnetic Bead Purification System

Purify large number of protein or antibody samples in hours instead of days.

Cuts your protein/antibody purification time from days to hours

- Purify up to 12 samples at a time
- Sample volumes from 5 ml to 50 ml
- Up to 80 mg of protein or antibody per sample
- Typical cycle time for 12 samples is less than 30 minutes

Features and benefits:

- Shorten the purification time
- Save time and labor
- Eliminate the need for centrifugation and filtration
- Complete washing and elution process automatically
- Closed environment to avoid endotoxin contamination

AmMag™ Protein A Magnetic Beads, 4ml (25% slurry)

High binding capacity magnetic beads for fast purification of recombinant proteins or antibodies.

GenScript AmMag™ Protein A Magnetic Beads are super paramagnetic beads with average diameter of 50 µm, covalently coated with alkali tolerant protein A.
LABCYCLER

The next-generation Thermocycler with 5 years of warranty

for Microplates, 8-tube Strips & single Tubes with INTERCHANGEABLE BLOCKS

- Outstanding block temperature uniformity
- Large colour touchscreen, easy method programming
- 48/96/384 well silver or 96 well aluminium exchange blocks optionally available
- Optional triple aluminium block to run 3 PCR programs, independently
- Gradient capability, ramp rate control and temperature/time increments/decrements
- Motorised lid with temperature and pressure control
- Low energy consumption and extremely silent operation
LABCYCLER 48

Compact Thermal Cycler with 48 Well Block

- TFT touchscreen
- extremely silent operation
- Automatic lid
- **Optional with 8-zones-gradient**
- Heating and cooling rate up to 5°C/s
- Temperature and time in(de)crements
- Automatic Re-start
- Low energy consumption
- Password protection for 64 users
- 5 years of warranty
PCRmax Alpha Cyclers

These compact thermal cyclers deliver reproducible results every run - with little to no training needed. Features include a clear responsive touch screen, secure user-specific programming, adjustable heated lid, and active sample cooling for sharper amplification.

- Flexible - your choice of one, two, or four block capacities in 96-well, 384-well, or mixed formats
- Independently control each block for simplified temperature and space optimization
- Active sample cooling
- A Program Wizard generates a protocol specific to your sequence in seconds
- USB connectivity; Android driven 7” tablet interface
The PCRmax Eco 48 utilises patented block and optical technologies to deliver extreme speed, sensitivity and data quality, with optimised protocol as fast as 15 minutes, all using standard plasticware and consumables, sensitivity down to 1 copy detection and the world most accurate block.

- HRM functionality as standard: with the ability to discriminate class IV SNP >99% of the time
- Eco 48 allows for simple multiplex analysis with up to four dyes at once
- World most thermally accurate block gives consistent data every time
- Fast cycling — runs 40 cycles in 40 minutes, shorter when optimized
- Eco 48 is an open platform that can utilise any chemistry, dye or PCR reagent
- Eco 48 format provides a small 34.5cm x 31cm footprint
The BioEcho’s scientists have developed the EchoLUTION product line - a series of innovative kits for the single-step extraction of DNA from various sample types. In contrast to existing methods, the contaminants are efficiently adsorbed and allow the target DNA to flow through the column.

EchoLUTION single-step DNA purification offers the following advantages:

**PERFORMANCE**
- Superior quality, excellent results in all downstream applications
- Higher DNA recovery (>95%) than conventional methods
- Highly efficient tissue lysis (only 30 minutes)

**CONVENIENCE**
- Significantly fewer handling steps compared to bind-wash-elute protocols (50-70% fewer steps)
- Drastically reduced hands-on time needed (2-5 times faster, depending on application)

**ECOLOGICAL RESPONSIBILITY**
- No hazardous reagents
- Minimized plastic waste (70% less)
- Sustainable, plastic-free packaging
## EchoLUTION DNA Kits

### EchoLUTION Blood DNA HiYield Kit
For single-step purification of up to 20 µg genomic DNA from 200 – 1000 µl liquid blood (fresh, frozen, stabilized: Citrat, EDTA, Heparin)

- for single-step purification of up to 20 µg genomic DNA from 200 – 1000 µl liquid blood (fresh, frozen, stabilized: Citrat, EDTA, Heparin)
- High DNA yield: up to 20 µg concentrated genomic DNA
- Variable input amount from 200 – 1000 µl blood
- High purity: reliable removal of inhibitors for downstream reactions (e.g., PCR, NGS)
- Convenience and speed: no tedious bind-wash-elute procedure, complete in 20 min
- Sustainability: 70 % less plastic than with Silica-based methods, no hazardous liquids

### EchoLUTION Cell Culture DNA Kit
For single-step spin column purification from up to 2 x 10⁶ eukaryotic cells (cell lines or primary cells)

- High DNA yield from purified cells: nearly 100 % recovery from all kinds of cells such as HEK293, HeLa, NIH3T3
- Convenience and speed: complete in just 30 min, no tedious bind-wash-elute procedure
- Sustainability: 70 % less plastic than with Silica-based methods, no hazardous liquids

### EchoLUTION Tissue DNA Micro Kit
For single-step spin column purification of genomic DNA from 0.1 to 10 mg human or animal tissue (fresh, frozen, or stabilized)

- High DNA yield from small samples: nearly 100 % recovery, no loss of precious sample
- Convenience and speed: complete in less than 40 min, no tedious bind-wash-elute procedure
- Sustainability: 70 % less plastic than with Silica-based methods, no hazardous liquids
NANODROP™ ONE/ONE®

Pipette. Measure. Know.

Intelligent Microvolume Analysis

Walk-Up Convenience
A standalone unit with a high resolution touchscreen interface and local control features guided method analysis to save you time and bench space.

Minimal Sample Preparation
Powerful auto-range pathlength technology means accurate measurements for highly concentrated samples without the need for sample dilutions. No prior knowledge of sample concentration needed.

No Consumables Required
The patented NanoDrop sample-retention system enables direct microvolume measurements from 1–2 μL of sample. Eliminates the need for expensive slides or special accessories.

Acclaro Sample Intelligence
Identifies contaminants, monitors sample column for bubbles and provides feedback about sample quality with information to help with troubleshooting.

Fast and Easy Measurements
Ergonomic design with tilting and sliding screen accommodates both left- and right-handed users. Auto-Measure feature adds speed and convenience delivering results with full-spectral data in seconds.

Versatile Data Management
Print results for your laboratory notebook using an optional thermal printer or tag and transfer data via USB, Ethernet, Wi-Fi or an external computer. Provides flexibility for extended analysis and electronic archiving.
The NanoDrop™ 3300 significantly lowers the mass detection limit more than an order of magnitude, compared to conventional fluorometers.

- High performance LEDs replace filters for excitation
- Multiplex emission from multiple probes using the broad excitation white LED
- Easy-to-use software guides the novice fluorescence researcher with minimal training required
- Fast measurement time of less than 10 seconds
- Ideal for fluorescent quantification of nucleic acids

Accelerate your research with the NanoDrop™ 8000 Microvolume UV-Vis Spectrophotometer providing quick, easy nucleic acid and protein quantification.

- Measure nucleic acid and protein samples as small as 1 μL
- Direct, easy measurements from tubes or plates
- Single sample mode or up to eight samples at a time
- Analysis of 96 samples in less than 6 minutes
- Full spectral output
- Calculates sample purity ratios (260/280 and 260/230)
- No consumables
- Sample position indicator to avoid pipetting from the wrong plate position

The NanoDrop™ Lite uses the same sample retention system that has become a hallmark of NanoDrop™ instruments. Designed with fewer features than the NanoDrop™ One and 8000, it has the smallest footprint and is operated without a computer.

- Rapid, accurate and reproducible microvolume measurements without the need for dilutions
- Measures nucleic acid (A260), protein (A280) and nucleic acid purity (A260/280)
- Optional printer for cryo-proof tube labels
High Performance Refrigerated Microcentrifuge CO226R

a highly efficient tabletop design for general laboratory use

It is suitable for industrial, biochemical, medical, veterinary and other research laboratories. The features of this centrifuge provide versatility, precision and repeatability of processes. Additionally, it is accompanied by a wide selection of rotors and accessories.

- Centrifuge with cooling
- Maintenance free induction motor
- Large graphic LCD screen
- Dedicated button for faster cooling (to 4°C within 6 minutes)
- Speed / RCF adjustment
- Automatic lid opening
- 99 user programs
- 10 acceleration / deceleration settings
- Unbalance sensor
- Emergency lid lock release
- Motor thermal protection
**Prism™ Mini Centrifuge**

An excellent choice for a wide range of molecular biology separations and quick spins.

The Prism™ Mini Centrifuge can be used for a wide range of molecular biology separations and quick spins. It includes 2 quick release interchangeable rotors, which spin up to 6000 rpms.

**Prism™ Air-cooled Microcentrifuge**

An easy-to-use, high performance microcentrifuge

The Prism microcentrifuge combines high speed performance, quiet operation, and effective air cooling into one compact instrument. It offers a maximum speed of 15,000 rpm / 21,200 x g and quick acceleration/deceleration to reduce processing time.

**Labnet™ Mini Microcentrifuge**

A personal benchtop microcentrifuge ideal for quick spin-downs of your most important samples.

The mini microcentrifuges feature greater capacity (8 place MCT and 4 place PCR strip rotors), a quick-release rotor system and electronic brake. Once samples are loaded and the lid is closed, the rotor rapidly accelerates to 6,000 rpm, making it an ideal centrifuge for bringing small droplets to the bottom of tubes for micro-filtrations or basic separations.

**AccuBlock™ Digital Dry Baths**

Single and dual block dry baths with digital temperature control and timer. A broad temperature range, to 150°C, makes Labnet’s Digital Dry Baths useful for a variety of applications in molecular biology, histology, clinical, environmental and industrial laboratories.

The Digital Dry Baths include a timer that easily allows users to set & view temperature and time for timed incubation applications, and have a block chamber of molded aluminum for superior heat transfer uniformity. Keep sample temperatures consistent no matter where they are located in the chamber!
experts in
life science products

GENERAL BENCHTOP LABORATORY EQUIPMENT

ORBIT™ 1000 Digital Shaker

- Four available platform configurations
- Mid-range orbit for excellent culture aeration
- Compact construction for incubator use
- Solid and heavy duty

BioPette™ Plus Autoclavable Pipettes

- Designed and engineered for maximum accuracy and reproducibility
- Streamlined handle design provides exceptional user comfort
- Adjustable ejector accommodates a wide variety of pipette tips
- Two interchangeable ejector buttons provide personalized comfort
- Easy-grip ejector handle for quick removal and adjustment
- Volume can be adjusted from the thumbwheel or the plunger button
- 8 models cover volume range from 0.1µl to 10,000µl
- Fully Autoclavable
The NEW Customisable Stuart® Hotplate Stirrers

**Designed by you!** You select type, interface, surface and colour

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Analogue Range</th>
<th>Digital Range</th>
<th>Premium Range</th>
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<tbody>
<tr>
<td>Model types</td>
<td>Hotplate, Stirrer</td>
<td>Hotplate, Hotplate Stirrer</td>
<td>Hotplate Stirrer</td>
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<td>Glass Ceramic or Ceramic-coated Aluminium</td>
<td>Glass Ceramic or Ceramic-coated Aluminium</td>
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<td>7 segment temperature display &amp; LED array speed display</td>
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<td>Mains-independent hot warning light</td>
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<td>Pt100 temperature sensor</td>
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<td>White, Black, Blue</td>
<td>White, Black, Blue, Pink, Avocado, Tangerine, Red, Ultraviolet</td>
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<td>150 x 150 Aluminium, 120 x 120 Ceramic</td>
<td>150 x 150 Aluminium, 120 x 120 Ceramic</td>
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<tr>
<td>Stirrer speed, rpm</td>
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</tr>
<tr>
<td>Maximum stirring capacity, L</td>
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<td>115V or 230V, 50/60Hz Hotplates and Hotplate Stirrers</td>
<td></td>
</tr>
</tbody>
</table>

*sold separately

The range comprises three interface choices: analogue, digital and premium, with the latter boasting enhanced versatility. Each unit is robust and has features that will keep you safe, with a chemically toughened glass interface, ceramic or ceramic-coated aluminium, and a mains independent hot-warning light.
Hotplate Stirrer SB162-3

Three independently controlled stirring/heating positions.

A space saving unit with 3 independent heating/stirring positions in a footprint only 600 x 270mm. Easily accommodates 3 x 2 litre beakers.

- Three independently controlled stirring/heating positions
- Separate „Hot“ warning lights for each plate
- Powerful magnets for strong magnetic coupling

Orbital Shaking Incubator SI500

This combined shaker and incubator is ideal for scientists doing cell culturing procedures, especially suspension culture applications.

The shaker provides an orbital shaking motion, adjustable between 30 to 300rpm with a gentle start action. The shaking speed is microprocessor controlled and set via the digital LED control panel. The incubator also incorporates a versatile digital timer which can be set from 1 second to 9 days. After the timer has counted down the shaking action will stop and an alert will sound, as a safety feature the incubator will continue to run.

Rotator SB3

The SB rotators give gentle but effective mixing, ideal for keeping biological samples in suspension e.g. blood, aerating cultures and for general mixing applications.

The rotators can be used in incubators up to 40°C and in cold rooms down to 4°C.

- Fully adjustable mixing angle
- Choice of tube holders to hold a number of different sized tubes
- Adjustable speed between 2 and 40rpm
- Digital timer integrated

Six Tube Roller SRT6D

This roller mixer provides a gentle, but highly efficient, rocking and rolling action.

- Rocking and rolling action for complete mixing
- Digital variable speed models with integrated timer
- Six roller design with small footprint
- Designed for continuous or timed quiet operation
- Can be used in cold rooms or in incubators
SA6 - Variable Speed Mini Vortex Mixer

A robust die cast construction vortex mixer. Features a sophisticated inbuilt counterbalance system and suction cup feet to prevent any walking issues, so often associated with budget vortex mixers. Simple push to operate control, for quick and effective mixing. Mixing speed is variable to suit most applications. Incorporates a powerful brushless DC motor for maintenance free operation.

- Variable speed up to 4500rpm
- Compact size
- Push switch operation
CoolCell - CoolBox & more systems

CoolBox™ XT Ice-Free Cooling Workstations

- CoolBox XT and double-capacity
- CoolBox 2XT workstations are benchtop cooling stations that provide over
- 16 hours of ice-free cooling
- for your samples without electricity or batteries.

TruCool® Hinged CryoBoxes
A better freezer storage box.

- Patented hinged lid ensures lid and base stay together at all times
- Easy to open - even when frozen!
- Plastic divider holds up to repeated freeze/thaw cycles
- Adjustable grid accommodates wide vials
- Laminated fibreboard box - water-resistant, durable
- Printed grid on inside and outside of the lid
- Use in refrigerators, freezers and ultra-low temperature freezers
- 81- or 100-place grids
- 6 bright colors

CoolCell® – Controlled & Alcohol-Free Cell Freezing
CoolCells offer gentle and defined freezing of cells at -1°C/minute freezing rate based on a dry cool sink system requiring no alcohol or other fluid for temperature capacity and transfer. Proven for a variety of cell types including cell lines, stem cells and primary cells.