



innovative lab solutions

collect - prepare - analyze - manage - store your samples

we deliver
you discover



ABOUT NBS SCIENTIFIC

We deliver the resources you need to discover new insights in the lab.

Insights that could change the landscape of public health, wellness, and safety around the globe. When you're equipped with our innovative sample collection, sample storage, sample tracking, liquid handling, and lab automation products, you can improve and optimize your laboratory workflow to achieve consistently accurate research results more efficiently.

Beyond our physical resources, we also strive to help you identify and solve everyday challenges in the lab. By taking the time to learn more about your workflow, budget, and specific research application, we work hard to match you with the laboratory solutions that best meet your research needs.

When you choose to work with NBS Scientific—a global network of companies with over 20 years of experience in the life science industry—you're choosing a trusted partner who understands the scope and significance of your research. That's why we're committed to stocking your lab with the highest quality products and providing you with the best possible service every day of the week.

Whether you're part of a startup searching for its first case of tubes or a well-established lab looking for alternative sample storage, liquid handling, or automation products, we're here to help.

READ MORE
ABOUT NBS
ON PAGE 86

OUR VALUES

The four main values that drive our company.

INNOVATION



We are constantly exploring new markets and trends to supply you with the most innovative products in the industry.

CREATIVITY



When customers ask us questions, we think beyond existing frameworks to help them solve unique problems in the lab.

QUALITY



We provide high-quality products and services that are produced and carried out under the strictest quality standards.

SUSTAINABILITY



Our corporate social responsibility program emphasizes sustainability and contributions to local and international charities.

OUR BRAND PROMISE

At NBS Scientific, we vow to deliver the high-quality service and personalized solutions our customers need to discover major scientific insights in the lab. Need help finding the perfect solution for your research application? We've got you covered.

we deliver
you discover

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our
brands

AFYSI3G

basque

CAPP

DISPENDIX
A RICO COMPANY

GenTegra

INTEGRA

MICRONIC

novitain

PFEIFFER

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MEDICAL

SPL GUARD

scinomix

Viti
LIFE SCIENCE SOLUTIONS

we deliver
you discover



sample collection



brands

GenTegra

novitain

RELIABLE, NON-INVASIVE SAMPLE COLLECTION SOLUTIONS THAT ENSURE ACCURATE RESEARCH RESULTS

At NBS Scientific, we offer innovative ways to collect and preserve samples at ambient temperatures. With our sample collection products, you can quickly and easily collect and preserve sensitive, valuable samples. The products from GenTegra will allow users to collect and protect DNA & RNA samples and even store them at room temperature for a limited time. The collection of Novitain products will allow you to temporarily store your valuable samples after they have been collected.

GENTEGRA GENSAVER 2.0

Collection of DNA and small molecule metabolites from dried blood spots.

FEATURES AND BENEFITS

- Available in GenSaver 2.0
- Collection of DNA from all forensic sample types
- GenTegra-DNA Active Chemical Protection matrix is incorporated
- Superior DNA protection at ambient temperatures
- Compatible with direct PCR protocols- no clean-up required and no PCR inhibition
- Manufactured to ISO 18385 compliance – no human DNA contamination
- Available in 1, 2, and 4 spot formats
- Colour changing formats are available for the collection of clear samples such as saliva



COLLECTION CARDS



GenTegra

GENTEGRA BIOSAMPLE TFN™ CARDS

Reliable and reproducible sample collection.

FEATURES AND BENEFITS

- Designed for micro-volume sampling, transport and ambient storage of biological samples
- Even and uniform sample distribution
- Made of white and pure absorbent filters for reproducible collection
- Contains no wet-strength additives or chemicals, minimizing possible interferences for reliable analytical results
- Rigorous quality control and manufacturing according to ISO 13485:2016 and ISO 9001:2015



we deliver
you discover



STABILITY
REAGENTS

GENTEGRA DNA

Water soluble chemical matrices that protect DNA in a dry state.

GenTegra



FEATURES AND BENEFITS

- Can handle extremes of temperature (-80°C to +72°C) during shipment and storage
- Based on accelerated studies, GenTegra DNA protects DNA for up to 30 years and more at ambient temperature
- Can protect DNA without Humidity controls
- GenTegra-DNA is not hygroscopic and will not absorb water
- Has a shelf life of greater than 3 years stored at room temperatures
- Available in multiple packaging formats: 100 screw cap tubes, 96 well microplates and even bulk formats

GENTEGRA GENPLATES

Safely store blood, buffy coat and plasma at room temperature.



FEATURES AND BENEFITS

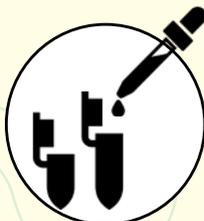
- GenPlates utilize GenSaver paper with GenTegra's Active Chemical Protection technology
- Ideal for safely storing whole blood, buffy coat, and plasma at ambient temperature
- Automation-friendly, high-density 384-microplate 6-mm disc format for biobanking of blood and other biological fluids
- Contains a unique human-readable barcode for tracking and retrieval
- Also available with a desktop archival cabinet

DID YOU KNOW...

We now offer GenTegra RNA products that allow you to store and protect your valuable samples at every stage.



Tissue collection
> RNAAdvantage



Sample Purification
> RNAAssure



Shipment & Storage
> GenTegraRNA

GENTEGRA RNADVANTAGE

Better protection for RNA in fresh tissue samples.

FEATURES AND BENEFITS

- Provides significantly better protection for the RNA in tissues using RIN values as a measure of RNA quality
- Consistently yields RNA with RIN scores that are ≥ 1 better than RNAlater.
- RIN values ≥ 7 for most tissues
- Best protection at 7 and 14 days at room temperature
- No rtPCR or library prep inhibition
- Ensures reliable RNAseq data
- Makes field collection of tissue samples easier



STABILITY
REAGENTS



GenTegra

GENTEGRA RNASSURE

Immediate, complete and maximum RNA protection.

FEATURES AND BENEFITS

- Robust and reliable protection of RNA against all RNases as well as exposure to oxidation
- Inactivates all residual RNase activity carried over from the purification process or environmental contamination
- Utilizes GenTegra's proven, patented Active Chemical Protection™ (ACP) chemistry
- Can protect RNA for at least 3 days at room temperature (RT) and 2 weeks at 4 °C



GENTEGRA RNA

Water soluble chemical matrices that protect RNA in dry & liquid states.

FEATURES AND BENEFITS

- Is able to protect RNA when being shipped for RNA sequencing and when stored in the lab for days
- GenTegra RAN is protecting against RNase activity
- Protects RNA better than when stored on dry ice
- Is able to provide superior RNA sequencing data
- GenTegraRNA is a water-soluble





CAPPING
SYSTEMS

NOVITAIN 50-WELL RACK

Seal samples securely for temporary storage.

novitain



FEATURES AND BENEFITS

- Positions 50 sample collection tubes in such a way that it is exactly compatible with the Novitain Capcluster-50
- Light-weight and has an open-well design to ensure equal temperature for all tubes during cooled storage
- Compatible with automated pre-analytical systems
- Resists chemical solvents & is free of any detectable RNase or DNase contamination

NOVITAIN CAPCLUSTER-50

A rapid solution for capping 50 racked tubes using the Novitain Manual Capper MC2.



FEATURES AND BENEFITS

- Ideal and economic solution for the secure short-term sealing of 13mm diameter sample collection tubes
- Multi-pierceable without losing seal integrity
- Resists chemical solvents & free of any detectable RNase or DNase contamination
- TPE caps in Natural are made out of Medical approved material (USP Class VI certificate)

NOVITAIN MANUAL CAPPER MC₂

Sealing sample collection tubes for temporary storage.



FEATURES AND BENEFITS

- Can seal 50 sample collection tubes at once and operates as a stand-alone device
- With a simple forward / reverse action of the black handle all 50 tubes are evenly capped
- Avoids cross-contamination and assures the accuracy of test results
- Doesn't require adapters and is adjustable in height

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we deliver
you discover



liquid handling



brands

CAPP

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MEDICAL

OUR LIQUID HANDLING TOOLS AND EQUIPMENT ARE DESIGNED TO DELIVER PRECISION CONTROL FOR SAMPLES

The Liquid Handling product range is quite comprehensive at NBS Scientific. We provide several high-quality mechanical pipettes, electronic pipettes, and motorized pipette controllers. To complete our pipette solution we offer a range of pipette tips: filtered, racked, individually wrapped, or in bulk. We also provide robotic tips, which are custom-made for the most common liquid handler brands on the market. Each individual tip is guaranteed to be made with the highest quality in mind.

NBS Scientific offers multiple next-generation fully automated liquid handlers, each of them compatible with the other and can be seamlessly integrated into any workflow. From equipment capable of dispensing liquids as little as 8nL to fully automated NGS library prep workstations, the various liquid handlers make research breakthroughs possible for every lab.

CAPP BRAVO PIPETTE

Combines lightweight ergonomic design with the latest innovations in pipetting.

FEATURES AND BENEFITS

- Available as a variable volume pipette (9 volume ranges starting from 0.1µl up to 10mL) as well as a fixed volume pipette
- Constructed of the highest quality autoclavable materials
- With a built-in oversized indicator, which makes volume monitoring and precise adjustment easy
- With metal shafts and double O-rings to increase the durability of the pipettes



MECHANICAL
PIPETTES



CAPP

CAPP AERO96 PIPETTE

The multichannel pipette guarantees accuracy and precision across all channels.

FEATURES AND BENEFITS

- Available in 8- and 12-channel pipettes
- Contains lightweight metal components and stainless steel pistons
- Has a unique construction that ensures extremely easy tip mounting and ejection
- The lower part of each pipette is slightly bent to eject only 2 tips at a time. This happens so smoothly as if all 8 or 12 tips were ejected in one take
- Each tip cone is made of anodized aluminum and has double O-rings
- Incredibly robust and fully autoclavable, offering easy maintenance



CAPP AERO384 PIPETTE

The ideal multichannel pipette for 384 well plates.

FEATURES AND BENEFITS

- Available in 16, 24, 32, 48, and 64-channel pipettes
- Quick and high-precision pipetting of 16, 48, or 64 wells at once or one row at a time with the 24 and 32-channel pipettes
- The perfect tool for liquid transfers from the reservoir and deep well plates into 384 well plates
- Lightweight ergonomic construction and enabling the consistent and reliable liquid transfer
- Recommend using with Capp ExpellPlus pipette tips



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you discover



MECHANICAL
PIPETTES

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NOW WITH
ECO-FRIENDLY
PACKAGING



CAPP ECO PIPETTE

The most sustainable pipette on the market.

GREEN
CHOICE



FEATURES AND BENEFITS

- Single-channel pipette that is carefully manufactured to exacting standards to extend its usable life
- Supplied in premium quality, biodegradable packaging
- Autoclavable pipettes that are truly accurate and truly robust
- Each critical component is intentionally designed and manufactured from premium-quality metals
- Well-thought-out metallic design of these premium-quality laboratory pipettes minimizes the chances of damage resulting from accidental drops
- Features a super-smooth piston stroke and an exceptionally low thumb load for aspiration and blow-out
- Featuring an exchangeable counter mechanism that allows users to quickly switch between different volume capacities without changing their single-channel pipettes.

RITTER RIPETTO PRO

Lightweight and reliable.



FEATURES AND BENEFITS

- Flexible: work with 12 tip sizes, 10 volume adjustments, and 120 program steps
- Independent: the pipette is maintenance-free and does not need any additional resources such as batteries or power supply
- Handy: perfect ergonomic design makes an easy and comfortable use possible
- Clear: volume adjustments and dosing are shown in the vision panel on the pipette
- Resistance: shows a high resistance towards a broad range of chemicals

CAPP CAPPTRONIC PIPETTE

Optimize your serial work in an ergonomic and user-friendly way.

ELECTRONIC
PIPETTES



CAPP

FEATURES AND BENEFITS

- One of the easiest electronic pipettes to set up and use
- Available in single-channel and multi-channel
- Up to nine individual protocols can be stored thanks to the extensive memory capacity
- Next to standard pipetting, you can also use it for reverse pipetting, multi-dispensing, mixing and sequential dispensing
- Supplied with one long-life and easily exchangeable lithium battery



CAPP CAPPMAESTRO PIPETTE

Become a maestro in pipetting skills.

FEATURES AND BENEFITS

- Optimize your serial pipetting work with advanced functions such as multi-dispensing, dilution and mixing
- Fully coloured OLED display
- Easily store your favorite protocols
- equipped with long-lasting lithium batteries enabling many hours of uninterrupted work
- Calibration and password setting functions are also available on CAPPMaestro
- The ability to use the pipettes while they are charging





PIPETTE
CONTROLLERS

INTEGRA PIPETBOY PRO

Accuracy, speed and ergonomic design are the essential characteristics.

INTEGRA



FEATURES AND BENEFITS

- Works with all serological pipettes of 1-100 ml.
- Designed for error-free and comfortable pipetting and is lightweight: 190 grams
- Integrated White LED light provides optimal illumination of the area around the pipette
- Available in the colours Blue, Green, Orange, Pink and White
- Maximum Pipetting speed of 12ml/s

INTEGRA PIPETBOY ACU₂

For efficient pipetting.



FEATURES AND BENEFITS

- Light and fatigue-free: weighs only 167g
- Including a lithium battery which enables you up to 12 hours of continuous use
- Can be used while charging
- Powerful instrument, filling a 50mL pipette in less than 10 seconds
- Available in the colours: White, Transparent, Green, Red, Blue, Purple, Pink Sunrise, Ocean Dream, Agave
- Autoclavable sterile module, easy-to-replace filter

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INTEGRA 





PIPETTE
CONTROLLERS

CAPP



ALSO FITS
THE CAPP
SEROLOGICAL
PIPETTES

CAPP PIPETTE CONTROLLER

Lightweight yet powerful pipette controller.



FEATURES AND BENEFITS

- Light and fatigue-free: weighs only 167g
- Including a lithium battery which enables you up to 12 hours of continuous use
- Can be used while charging and has a patented Electronic Brake System
- Powerful instrument, filling a 50mL pipette in less than 10 seconds
- Fully adjustable speed-setting as well as gravity delivery and blow-out dispensing modes are available

CAPP TEMPO PIPETTE CONTROLLER

Aspirate the required volume in a fast and precise way.



FEATURES AND BENEFITS

- Has a unique and patented Electronic Brake System (EBS)
- Has an LED display, showing the aspiration and dispensing speed as well as the remaining battery life status
- It turns off automatically after 20 seconds of non-use to conserve the battery
- Contains a Lithium battery, which fully loaded provides you 8 hours of continuous work

CAPP HARMONY SEROLOGICAL PIPETTES

Designed for accurate and rapid fluid dispensing.



FEATURES AND BENEFITS

- Sterile, pyrogen free and cotton plugged for a variety of liquid handling applications
- Reverse graduations show volume removed or remaining on all pipettes larger than 1ml
- Each pipette has an effective filter barrier to prevent liquid from overflowing
- Designed to fit all available motorized pipette controllers in the market

RITTER RITIPS REGULAR

The classic range of dispenser tips.

FEATURES AND BENEFITS

- Available in eight classic sizes which include also the in-between sizes 0.05 ml, 1.25 ml and 12.5 ml
- Uses a direct displacement method, which allows them to work well for infectious and volatile liquids
- The fluid never will get in touch with the instrument which avoids any contamination
- Also available in bioclean® grade (single sealed and sterilized) version
- Are suitable with: Ripette®, Ripette® pro, Multipette® 4780, Handrop, Minilab 100, Minilab 101, Minilab 201, Distriman®, Repetman®, StepMate, EasyStep, EasyStep electronic, RepeatOne®



PIPETTE
TIPS



ritter
MEDICAL

RITTER RITIPS EVOLUTION

Universal dispenser tips for a variety of steppers.

FEATURES AND BENEFITS

- All nine sizes come with a colour-coded adapter for fast identification of the correct tip
- Easy and highly precise dosing, even in low-volume applications
- Reliable and repeatable results through automated, individual tests of every tip
- Each size is available in single-wrapped bioclean quality





PIPETTE
TIPS

CAPP PIPETTE TIPS

For various applications and dosages.



BULK PIPETTE TIPS

- Available in self-standing and self-sealing plastic bags
- Easy identification with label and batch number
- Cost saving solution

FILTER TIPS

- Prevent cross-contamination in critical applications
- Designed with Premium filter, with controlled pore size, no use of additives and dimensional consistency
- For molecular, clinical and life science use

INDIVIDUALLY WRAPPED TIPS

- Ensure sterility for every single pipetting cycle
- Free from Endotoxin, DNase, RNase and PCR inhibitor
- Universally compatible with almost all pipette brands

RELOAD
SYSTEM
AVAILABLE!

RACKED PIPETTE TIPS

- Manufactured with superb quality Swiss injection molds
- Compatible with Capp Bulk tips and Capp Reload system
- Racks are available in standard Expell, as well as in ExpellPlus low retention quality
- Racks are autoclavable
- Available in different lengths within the same volume range
- A smooth inner surface minimizes sample binding

PACKAGED IN CARDBOARD BOXES

- Boxes are recyclable
- Reduces the pollution of the environment
- Great alternative to standard plastic racks
- Packed in space-saving dispenser towers with very little space requirements



RITTER ROBOTIC TIPS

Precision pipette tips are suitable for robotic systems.

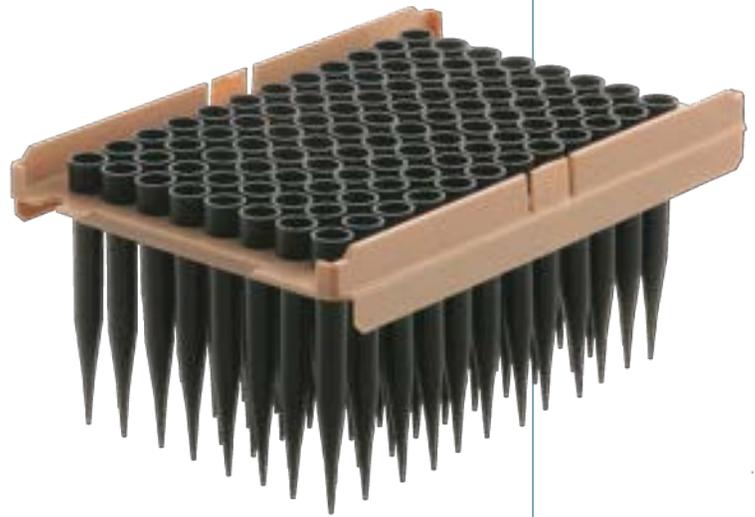
PIPETTE
TIPS



FEATURES AND BENEFITS

- Tips have a high accuracy and low retention
- Small volumes can be dosed with high precision and without contamination
- Available as 'Conductive Tips' and 'Clear Tips' and in 10 different sizes
- The conductivity of the black knights enables the system to recognize the filling height.
- Several quality controls in the manufacturing process guarantee quality
- Made from pure Polypropylene (PP)
- Tested and produced in cleanroom conditions
- Free of DNase, RNase, ATP and endotoxins
- Compatible with liquid handling systems of the brands Hamilton, Tecan, Qiagen, Olympus and Dynex
- Shipped vacuum sealed

ritter
MEDICAL



AVAILABLE AS
CLEAR AND
CONDUCTIVE TIPS



MORE ABOUT THE WIDE BORE TIP:

Ritter Medical offers now new wide-bore robotic tips for gently handling blood molecules in order not to destroy the cell structures during pipetting. These pipette tips have been developed with a 50% wider opening through which particularly viscous samples such as blood plasma can be pipetted gently. The wide opening of the tip reduces the flow resistance of viscous samples and thus protects sensitive cells. This robotic tip is in particular most suitable for cell cultures, blood samples, macromolecules or oils.





PERISTALTIC
PUMPS

INTEGRA VACUUM PUMPS

For safe vacuuming of liquid waste.

INTEGRA



VACUSAFE

An effective method for containment of hazardous substances.

- Combines vacuum pump, collection bottle, overflow protection and filter in one system
- Maximal personal protection because of the closed aspiration system
- Self-closing connectors to avoid escape of drops or aerosols
- Optional level sensor detects when the bottle is full
- The noise of the integrated pump is below 65dB



VACUSIP

Out-of-the-box solution for a wide array of liquid waste disposal tasks.

- Reliable and silent pump, enabled to operate independently from an external vacuum source
- Rechargeable battery provides flexibility
- The integrated pump stops automatically when the vacuum is established
- Changing a collection bottle is easy and convenient

INTEGRA PERISTALTIC PUMP DOSE-IT

The cleanest and simplest type of pump.

FEATURES AND BENEFITS

- Edit various parameters, such as the volume, flow rate and cycle time, to your own needs
- Compact design; very lightweight
- Large display allows for intuitive programming and operation
- Fliptop pump head allows for an easy and quick tubing exchange
- Different tubing sizes - compatible with tubing from 1 - 8 mm inner diameter

VACUUM PUMPS



INTEGRA



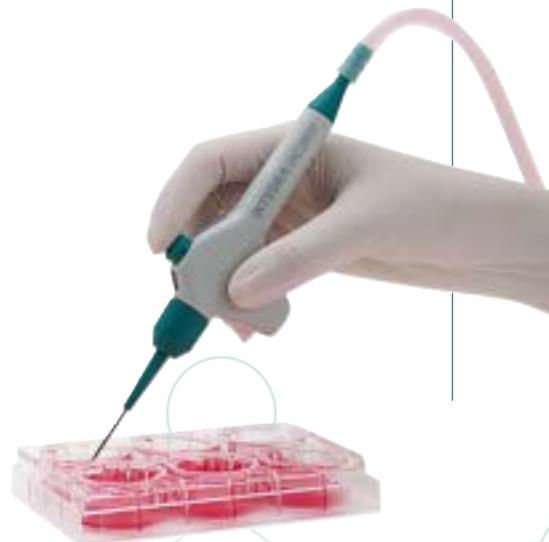
CAN BE
MOVED
EASILY!

INTEGRA VACUBOY

For aspiration of liquids from all sorts of containers.

FEATURES AND BENEFITS

- Converts a vacuum source into a user-friendly system for aspirating liquids
- Aspiration from any laboratory container, at the touch of a button and in a controlled way
- The handpiece is simply connected to any available vacuum source using silicone tubing and different aspiration adapters
- The perfect match is obtained when the Vacuboy is connected to the Vacusafe aspiration system
- Space-saving and ergonomic design



we deliver
you discover



LIQUID
HANDLERS

DISPENDIX 

A BICO COMPANY

DISPENDIX LIQUID HANDLERS

Non-contact liquid handlers for preserving sample quality and streamlining sample processing.



DISPENDIX I.DOT LIQUID HANDLER

- Available in 3 versions: the I.DOT S, the I.DOT L and the I.DOT HT
- Able to accurately dispense volumes up to 8 nl
- Fills an entire 96-well plate in seconds
- The non-contact way of dispensing ensures a workflow free of cross-contamination
- A low dead-volume of 1 μ l
- Sustainable choice because it uses fewer consumables than regular pipetting
- With the Patented Drop Detection system, you can keep track of the amount of volume you have dispensed
- Suitable for a wide variety of workflows and applications
- Performs complicated dispensing patterns across various SBS-format plates
- I.DOT software calculates the correct amount of concentration needed
- Dispense anything from cells to organoids and even beads
- Works with a wide variety of liquid classes



DISPENDIX LIQUID HANDLERS

Non-contact liquid handlers for preserving sample quality and streamlining sample processing.

LIQUID HANDLERS



DISPENDIX L.DROP LIQUID HANDLER



- Fully automated liquid handling deck for a wide variety of liquid handling applications
- A unique integrated cloud platform that allows you to collaborate with all your colleagues around the globe remotely
- Equipped with high-resolution cameras and sensors that provide a vision-based deck calibration and liquid class selection
- User-friendly, easy to install and each run requires little setup time
- Suitable for highly complex liquid handling protocols
- Software includes algorithms for automated liquid class creation
- Optional on-deck accessories available such as a cooling/heating module and a mixing module



DISPENDIX

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you discover



LIQUID
HANDLERS

DISPENDIX
A BICO COMPANY

DISPENDIX LIQUID HANDLERS

Non-contact liquid handlers for preserving sample quality and streamlining sample processing.



DISPENDIX G.STATION FULLY AUTOMATED NGS LIBRARY PREP STATION

- Combines Dispendix: L.Drop, I.DOT, G.Pure, On-deck Thermal Cycler (ODTC), Bioshake & Coldplate into the ideal NGS Library Prep Station
- A robotic arm connects all the individual devices
- The included software allows you to choose between protocols and liquid classes
- The G.Station uses a fraction of the pipette tips, minimizing the waste of your lab
- Low dead volume allows you to run more samples for the same reagent cost
- Cloud-based software allows you to collaborate with colleagues around the world



DID YOU KNOW...

The G.Station comes with an integrated cloud system, including various protocols. This highly secure cloud platform is built on the Amazon Web Services (AWS) infrastructure by cybersecurity experts. This allows you to operate the G.Station even from the comfort of your home, but more importantly, allows you to collaborate with colleagues across the globe.



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sample preparation



brands

CAPP

Vitl
LIFE SCIENCE SOLUTIONS

basque
ENGINEERING SCIENCE

SPL GUARD

PREPARE SAMPLES FOR ANALYSIS WITH COMPACT AND EFFECTIVE BENCHTOP LABORATORY EQUIPMENT

At NBS Scientific, we offer a wide variety of products to prepare samples before analyzing them. There are different pieces of hardware allowing the thawing of samples or taking aliquots without even thawing your sample. We also offer a wide variety of centrifuges, mixers, shakers and vortexes. To clean your ELISA plates we offer plate washers. Lastly, we have a mini incubator available, which is easily installed on any laboratory bench and is easily moveable.

CAPP CENTRIFUGES

Designed with ultimate user security in focus.

CENTRIFUGES 

CAPP

FEATURES AND BENEFITS

- Ultra quiet operation, also at the maximum speed
- Suction pads for assured stability during operation
- Unique electronic safety brake system for the protection of the user
- With brushless DC motors, which are maintenance-free
- Intuitive user interfaces
- 2-year warranty

VERY
COMPACT
DESIGN!



CLINICAL CENTRIFUGE
A powerful blood separator.

MINI CENTRIFUGE
Easy to use and high-performance centrifuge.



MICRO CENTRIFUGE
Extremely quiet.

REFRIGERATED CENTRIFUGE
For molecular and cellular applications.

SWING OUT CENTRIFUGE
Operates at a variable speed.

we deliver
you discover



SHAKERS &
MIXERS

CAPP SHAKERS AND STIRRERS

A range with unique user-friendly and user-safety features.

CAPP



3D SHAKER



MICROPLATE SHAKER

WITH SAFETY
BRAKE
SYSTEM!



VORTEX MIXER



HOTPLATE STIRRER



PLATFORM SHAKER

SPECIFICATIONS OF CAPPRONDO BENCHTOP EQUIPMENT

- Large range available with different features
- Extremely robust and designed for extended runs
- Very quiet, even at maximum speed
- Extremely small footprint
- Large displays and intuitive interfaces

OTHER CAPPRONDO EQUIPMENT

- Magnetic Stirrers
- Vortex Mixers
- Microplate Shakers
- 3D Shakers
- Platform Shakers
- Hot Plate Stirrers
- Blood Mixer Rollers
- Tube Rotators
- Magnetic Stirrer Hot Plates

CAPP BLOOD MIXER ROLLERS

The ideal digital tube roller mixer for processing blood and other viscous liquid samples.

SHAKERS & MIXERS



CAPP

CRR-o8X TUBE ROLLER

- Equipped with a Brushless DC motor
- Quiet and maintenance-free operation
- Perfect for extended runs
- Store up to 15 blood tubes of 7mL
- Operates by rocking and rolling motion, ensuring throughout mixing
- Programmable pulse mode available
- Detachable and autoclavable rollers
- Rollers have a length of 33cm
- Built-in timer setting up to 99 minutes
- Up to 9 programmable user protocols



CAPP MICROPLATE MIXER

Provides thorough, simultaneous mixing.

THOROUGH MIXING OF 4 PLATES AT THE SAME TIME

- Provides thorough, simultaneous mixing in up to 4 individual microplates
- Compatible with the majority of commonly used skirted microplates
- Ensures ultimate mixing performance due to its 3mm orbital motion movement
- Equipped with a brushless DC motor
- Maintenance free
- Ideal for extended runs
- Programmable for mixing in the time intervals from 1 – 999 minutes, or infinite mode
- Takes minimum benchtop space
- Integrated digital display
- With rubber O-rings, which provide the shaker ultimate grip for all 4 plates
- The loading and unloading and accessing of the plates can be done without any effort





SHAKERS &
MIXERS



VITL MIXERS

Products with an unrivalled level of sample care, usability and repeatability.



CO-MIX

- Provides simultaneous, independently controlled microplate mixing and tube vortexing in one
- Create and store user-defined mixing profiles
- Innovative plate-holding mechanism
- No spill risk
- Visual countdown timer and audible alert for completion of mixing or vortexing
- Adapters for different tube brands & sizes are available



THER-MIX

- Accurately mix and heat samples
- Capability to create and store your own mixing profiles
- Interchangeable Heated Modules support various sample tubes
- Unique compact design



FLEXI-THERM

- Highly accurate, repeatable sample heating
- Ideal for sample preparation and incubation
- Visual countdown timer and audible alert on completion of heating
- Temperature accuracy $\pm 0.1^{\circ}\text{C}$
- Heated lid on some Heated Modules gives direct consumable contact

CAPP SPIN COLUMNS

A game changer for DNA/RNA purification.

FEATURES AND BENEFITS

- Separate, isolate, and purify biomolecules
- A simple workflow that results in exceptional quality
- Eliminate the need for molecular biology laboratories to spend a lot of money to get high-quality biomolecules for their diverse use cases
- Manufactured in a two-part system from a premium-grade of polypropylene
- Consists of a filter tube (0.8 mL) with a selection of filter membrane options as well as a receiver tube (1.5/2.0 mL)
- Uses the latest silica-based filtration membrane technology to bind nucleic acids with up to 99.99% efficiency



CENTRIFUGE TUBES



CAPP

CAPP BLUCAPP CENTRIFUGE TUBES

High-quality and leak-proof conical centrifuge tubes.

FEATURES AND BENEFITS

- Available in 15ml and 50ml
- Made of high-quality polypropylene
- 50ml tubes are available as self-standing centrifuge tubes (skirted) and non-skirted
- Can be sterilized by autoclaving at the temperature of 121°C for 20 minutes
- The leakproof caps of BluCAPP 15 mL conical tubes have large ridges, providing the optimal grip when wearing gloves
- Is able to endure the centrifugation force of 17.000 RCF
- Contains a clear and easy-to-read graduation marks and a large writing area (20x50mm)
- BluCAPP centrifuge tubes 15 mL come sterile, packed in bags of 25 pcs





FROZEN SAMPLE
ALQUOTTERS



BASQUE CXT₃₅₃ FROZEN SAMPLE ALIQUOTTER

For preserving sample quality and streamlining sample processing.



FEATURES AND BENEFITS

- Can aliquot from a wide range of frozen samples
- Can extract multiple aliquots from a single sample
- Both parent samples as the taken aliquots are maintained at temperatures below -80°C via LN₂ chilling
- Eliminates the need for a thawing and freezing process
- Equipped with a laser targeting system to precisely select the aliquot
- Prevents cross-contamination and sample carryover by making use of single-use coring probes
- Generates frozen aliquots ranging in size from 10µl to 250µl

BASQUE FROZEN TISSUE XTRACTOR

A hand-held frozen tissue extractor.



FEATURES AND BENEFITS

- Simple and easy design for extracting out small aliquots of tissue
- Provides workflow options for smaller labs
- Supports highest sample quality and integrity without the THAW cycle
- Preserves frozen tissue without contamination, allowing for increased sample utilization
- Various tissue types and sizes can be cored and is able to target specific tissue sections
- Avoids manual slicing of tissue
- Extracts out small volume aliquots up to 40 mgs for downstream analysis

CAPP INCUBATOR

Benchtop incubators, ideal for smaller laboratory setups.

INCUBATORS &
PLATE WASHERS



CAPPRONDO MINI INCUBATOR

- Compact incubator that fits on your benchtop
- Built-in digital temperature control system
- Thermal range between -15°C and 60°C
- Easily moveable due to its size of 13 x 14.5" and weight of 6.5 kg
- Equipped with an user-friendly LED display
- Max load capacity of 20 litres

CAN BE
MOVED
EASILY!



CAPP

CAPP PLATE WASHER

Wash your microwells as a part of the ELISA testing process.

CAPPWASH

- The ideal ELISA plate washer for small-scale work
- Simple, compact and cost-effective
- Available in 8-channel, 12-channel and 16-channel versions
- Stainless steel robust design
- Has a 2-in-1 tube design which prevents channels from clogging
- Its operated with just the click of a button





THAWING STATIONS

SPL GUARD FLORIDA

To defrost multiple sample racks in a controlled manner.


SPL GUARD



FEATURES AND BENEFITS

- Controllably thaws samples in a multi-rack capacity
- Can be used as a stand-alone system or integrated into a robotic workstation like a liquid handler
- Thawing up to 10 racks in just 9 minutes
- Thaws at a consistent rate to guarantee the quality of the sample remains the same
- When the SPL Guard Florida is fully loaded with racks, it can thaw samples 60% faster than any other instrument on the market
- Thaws all samples evenly and reduces uneven thawing to less than 20% per rack
- Comes with several adapters where the samples can be placed for the thawing of samples

SPL GUARD ARIZONA

Unique thawing station for uniform and fast thawing of samples



FEATURES AND BENEFITS

- Thaws a complete rack from -80°C to 5°C in only 6 minutes
- Stops thawing when the desired temperature is reached and confirms this with a beeping sound
- Is compatible with a wide range of SBS-format racks
- A consistent and reproducible solution for a variety of samples and reagents
- Compact and lightweight: 445 x 270 x 148 mm and 9 kg

REQUEST YOUR FREE DEMO NOW

CONTACT US AT: INFO@NBSSCIENTIFIC




SPL GUARD



we deliver
you discover



sample analysis



HIGH QUALITY EQUIPMENT AND CONSUMABLES THAT ARE USED DURING THE ANALYZING PROCESS OF SAMPLES

To analyze samples accurately, NBS Scientific has equipment for you. We can offer a luminometer to measure the luminescence of biological and chemical reactions. We also have a wide variety of tubes, tube strips and plates used during the analyzing process of samples. These products are made of highly transparent and high-quality plastics. These products are compatible with automated liquid handlers, thermal cyclers or magnetic particle processors.

VITL LUMINOMETER

Optimized for biological and chemical luminescence reactions.

LUMINOMETERS



Vitl
LIFE SCIENCE SOLUTIONS

LU-MINI

- Compact and lightweight benchtop luminometer
- Accepts a single tube/vial
- Compatible with 10 -15mm round tubes/ vials as well as 10mm square cuvettes
- Different reading modes are available, including single/dual point, peak detection and kinetic data collection
- Fast reading time with optional integration phase
- USB connectivity for sample/results data transfer
- Free included app for the PC
- Storage capacity for up to 1000 test results
- Intuitive touchscreen available for easy operating





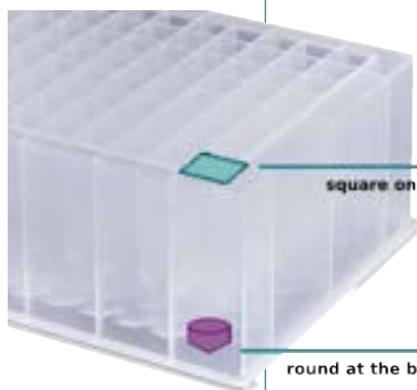
DEEPWELL
PLATES

RITTER DEEPWELL PLATES

For cleaning, mixing or centrifugation of samples.

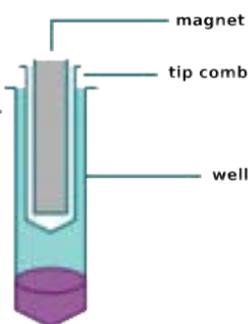
ritter
MEDICAL

SUITABLE FOR:
KINGFISHER™ 96
FLEX MAGNETIC
PARTICLE
PROCESSOR



square on top

round at the bottom



magnet

tip comb

well

RIPLATE MAGNETIC

- Specially designed for application in the Kingfisher™ 96 Flex Magnetic Particle Processor, Qiagen: Bio Sprint 96 and the Kingfisher™ Presto
- Riplate® magnetic is in line with the SBS standard (Society for Biomolecular Screening)
- High resistance towards commonly used solvents and alcohols
- High stability also during centrifugation
- Slightly raised rims reduce the risk of cross-contamination
- Newly developed cylindrical wells enable a good bioturbation of samples
- Alphanumeric code allows the registration and identification of individual samples even in confined spaces
- Made in class 8 cleanroom conditions

RIPLATE

- Riplate® 96 plates manufactured from highly transparent polystyrene assure an optimal surface for microscopic analysis
- Ideal for fluorescence applications and automation friendly
- Standardized dimensions (128 x 85 mm) ensure compatibility with most common laboratory machines
- Also in Square wells are available.



CAPP PCR PLATES, TUBES AND STRIPS

Products with an unrivalled level of sample care, usability and repeatability.

(Q)PCR
CONSUMABLES



CAPP

CAPP EXPELL 384 PCR PLATES

- Optimal for a PCR signal from the bottom of the plate
- Ultra-thin treated walls to minimize the binding of proteins
- Evaporation rate below 3%
- Plates are rigid, flat and stackable
- Compatible with the majority of 384-well thermal cyclers



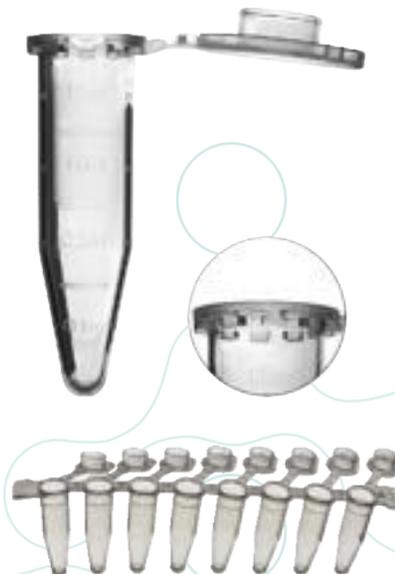
CAPP EXPELL PCR PLATES

- 96-well PCR plates
- Autoclavable and highly transparent
- Optimal for bottom signals
- DNA, DNase, RNA, RNase and Pyrogen free
- Compatible with majority of thermal cyclers
- Available in low (0.1ml) and normal (0.2ml) volumes
- Low binding interiors reduces adhesion of proteins



CAPP EXPELL PCR TUBES AND STRIPS

- Sold individually or as a strip
- Available in strips with or without cap
- Tube sizes are 0.1 and 0.2 mL
- Optimal use in situations where signal is obtained through bottom of tubes
- Fit perfectly in standard thermal cyclers
- Thin-walled to reduce adhesion of proteins
- V-shaped bottom for 100% sample recovery
- Evaporation less than 3%



we deliver
you discover



sample management



brands
[AFYS]3G

MICRONIC
INNOVATION IN SAMPLE STORAGE

scinomix
INNOVATING AUTOMATION

ENHANCE YOUR SAMPLE MANAGEMENT WITH THESE INNOVATIVE AUTOMATION TOOLS

At NBS Scientific, we supply a comprehensive range of innovative tools to enhance your individual way of sample management. For tube marking, we offer manual or fully automated laser devices. We also offer devices that can read laser-engraved tube codes to quickly locate and further manage your valuable sample. Would you like to go one step further and have the tubes sorted automatically by a machine? We also have devices for this in our range. Do you want to label, seal, scan and fill your tubes at the same time? Then we recommend our Scinomix solutions.

AFYS₃G DELTA₁₀

A small but powerful single tube scanner.

CODE READERS



AFYS₃G

FEATURES AND BENEFITS

- Scans all codes in less than a second: 1D barcodes of racks and tubes and single 2D Data-Matrix coded tubes
- Easy to use, no software installation required
- Has a keyboard wedge functionality, allowing you to transfer data more easily
- Extremely small size makes the device handy and convenient to use
- Compatible with 96, 48, and 24-well racks and tubes from a variety of brands



DID YOU KNOW...

Because the Delta10 has a keyboard wedge function, the data you scan can be sent to many applications. With the fast data-transfer, you can organize and manage your samples with a speed like never before.



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you discover



CODE READERS

MICRONIC
INNOVATION IN RAUPF STORAGE

MICRONIC SINGLE TUBE CODE READERS

For fast, accurate, and efficient sample identification.

Tube Reader DT510



Tube Reader DT300

FEATURES



Scan time: 1 second

Scan time: 1 second



Dimensions: 70 x 72 x 120 mm

Dimensions: 150 x 40 x 40 mm



CIS imaging technology

CIS imaging technology



96, 48, 24-format compatible

96, 48, 24-format compatible



1D barcode reading

1D barcode reading



2D Data-Matrix code reading

2D Data-Matrix code reading

DID YOU KNOW...

We offer preventative maintenance plans to help you preserve the functionality of your laboratory automation equipment. Whether your instruments need tuning up or your QC protocols require a strict maintenance schedule, our trained service technicians will provide you with the service you need to thrive in the lab.



REQUEST YOUR FREE DEMO NOW

CONTACT US AT: INFO@NBSSCIENTIFIC



 **MICRONIC**
INNOVATION IN SAMPLE STORAGE



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FULL RACK
CODE READERS

MICRONIC
INNOVATION IN SAMPLE STORAGE

MICRONIC FULL RACK CODE READERS

For fast, accurate, and efficient sample identification.



FEATURES



Scan time: 7 seconds

Scan time: 7 seconds



Dimensions: 309 x 230 x 87 mm

Dimensions: 309 x 230 x 87 mm



CCD Imaging Technology

CCD Imaging Technology



96, 48, 24-format compatible

96, 48, 24-format compatible



Active Anti-frost system

Passive Anti-frost system



Single tube reading

Single tube reading



Optional 1D barcode reader

Optional 1D barcode reader

INCLUDES
SINGLE-TUBE
READING
FUNCTION!

DID YOU KNOW...

Every Micronic scanner comes with free, user-friendly Micronic Code Reader Software that's reliable, easy to install, and compatible with LIMS Systems.





Micronic DR505



Micronic Side barcode reader



AVAILABLE
FOR ALL
RACK
SCANNERS!

Scan time: 5 seconds

Scan time: 1 second

Dimensions: 265 x 186 x 70 mm

Dimensions: 230 x 132 x 35 mm

CIS Imaging Technology

CCD Imaging Technology

96, 48, 24-format compatible

ANSI/SLAS barcoded rack compatible

Passive Anti-frost system

N/A

Single tube reading

N/A

Optional 1D barcode reader

1D barcode reader

ANTI-FROST SYSTEM:

The Micronic DR700 and DR505 scanners are designed with a passive anti-frost system that can read racks filled with 2D barcoded tubes straight from the freezer. The passive anti-frost system minimizes condensation on the scanning surface, giving each scanner the ability to read all tube codes, even the ones on frozen samples. The DR710 has an active anti-frost system, drawing in ambient air to remove condensation.



FULL RACK
CODE READERS



Micronic DR900



OPTIMAL
FOR ALL
MICRONIC
LABWARE

**Micronic Side
barcode reader**



FEATURES



Scan time: 3 seconds

Scan time: <5 second



Dimensions: 170 x 145 x 193.5 mm

Dimensions: 100 x 80 x 97,4 mm



Camera Based Technology

CCD Imaging Technology



138, 96, 48, 24-format compatible

ANSI/SLAS barcode rack compatible



Passive Anti-frost system

N/A



Single tube reading

N/A



2D barcode reader

1D code reader



AFYS3G DELTA50



SUITABLE
FOR ALL
LABWARE
BRANDS

AFYS3G Side barcode reader



Scan time: 3 seconds

Scan time: <1 second

Dimensions: 170 x 150 x 194 mm

Dimensions: 101 x 37 x 129 mm

Camera Based Technology

CCD Imaging Technology

138, 96, 48, 24-format compatible

ANSI/SLAS barcoded rack compatible

Passive Anti-frost system

N/A

Single tube reading

N/A

2D barcode reader

1D barcode reader

we deliver
you discover



TUBE
HANDLERS

MICRONIC
INNOVATION IN SAMPLE STORAGE

MICRONIC TUBE HANDLERS

Automatically sort and manage your valuable samples from multiple racks at once.



MICRONIC HT₅₀₀ TUBE HANDLER

- Automatically sorting tubes within 96-well format racks
- Cost-effective solution
- Semi-automatic linking between rack-ID and rack-position
- Separate safety stop ensures sample/product protection
- Compatible with standard ANSI/SLAS format racks
- Easy-to-operate and user-friendly interface
- Upload pick-lists via USB-thumb drive
- Included 1D barcode scanner to select the places of all the racks on the machine
- Large capacity of 20 racks
- Fast operation with 250 tubes per hour
- Works with tubes ranging from 0.30 ml to 1.40 ml
- Compatible with tubes from other brands
- Downloadable CSV file of rack content to upload to your management system



MICRONIC TUBE HANDLERS

Automatically sort and manage your valuable samples from multiple racks at once.

TUBE HANDLERS



MICRONIC
INNOVATION IN SAMPLE STORAGE

MICRONIC HT700 TUBE HANDLER

PROCESS MORE TUBES IN LESS TIME!

- Due to the unique 'cassette' design, the Tube Handler HT700 has a small footprint and a large capacity (24 source racks / 1-3 target racks)
- By making use of cassettes instead of a platform there is a minimum distance between the sample to be taken and the target rack. This makes sorting faster (sorts 550 tubes per hour)
- The unique closed system guarantees the safety of the user.
- Unique integrated dual (1D rack barcode and 2D tube code) check
- Compatible with 0.50ml, 0.75ml, 1.10ml, and 1.40ml racked tubes (capped or uncapped)
- 1D barcode reading available for source and destination racks
- Automatic rack position detection
- Worklists can be uploaded via USB stick
- Operating requirements: 115V
- Dimensions: 560 x 864 x 889 mm



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you discover



TUBE
LABELLERS

scinomix

SCINOMIX SCI-PRINT VX₂ TUBE LABELER

Automated tube labelling system with configurable solutions.



FEATURES AND BENEFITS

- Fully automatic tube labeller for printing labels and applying them to the tubes.
- Throughput of 400 tubes/hour with a 6-position work deck (holds up to 600 tubes)
- Compatible with tubes from 0.5 ml to 50 ml
- Can be configured to sort racked tubes, pick individual tubes, open/close caps, fill tubes and/or scan barcodes
- Is compatible with a wide range of racks and tubes from different manufacturers
- Eliminates human error and prevents hand injuries that may occur with manual labelling

SCINOMIX SCI-PRINT VXL TUBE LABELER

Modular tube labeller that can label up to 425 tubes per hour.



FEATURES AND BENEFITS

- Fully automatic tube labeller for printing labels and applying them to the tubes
- Throughput of 425 tubes/h with a 12-position work deck (holds up to 1,200 tubes)
- Compatible with tubes ranging from 0.5 ml to 50 ml
- Can be configured to sort racked tubes, pick individual tubes, open/close caps, fill tubes and/or scan barcodes
- Is compatible with a wide range of racks and tubes from different manufacturers
- Saves valuable time to focus on other important tasks in the lab
- Precise label placement on each tube

SCINOMIX VXQ BULK FEEDER

Designed to feed tubes to the VX series for labelling, filling and/or racking.

FEATURES AND BENEFITS

- Integrates with Scinomix VX labelling systems for high-volume tube processing
- Compatible with a range of tubes from 0.5 ml to 15 ml (the top of the tube must be wider than the tube body)
- Has a high throughput of up to 400 tubes per hour
- Easily create, save and change multiple tube definitions with a single keystroke
- This means you no longer need to buy pre-racked tubes, saving you processing costs.



BULK FEEDERS



scinomix

SCINOMIX VXI BULK FEEDER

Automatic feeding of tubes into an automatic labeller for efficient labelling.

FEATURES AND BENEFITS

- Integrates with Scinomix VX labelling systems for high-volume tube processing
- Camera-based optical technology to detect tube orientation to support feeding for labelling and deposition
- Replace manual loading of racks with tubes
- Has a high throughput of up to 400 tubes per hour
- Adapts to a wide range of tube types and sizes, processing tube diameters from 8 to 28 mm. The unit also processes tubes with internal and external threads and tubes with and without lids





PLATE
LABELLERS

scinomix

SCINOMIX SCI-PRINT MP₂ PLATE LABELER

Semi-automatic barcode label printer for microliter plates.



FEATURES AND BENEFITS

- Prints and applies labels to a wide range of microplates
- Can be used in a manual stand-alone environment
- Can be integrated into fully automated systems
- Compact size for use on the work surface
- Features a rotating, height-adjustable platform
- Offers the flexibility to print on all sides and two vertical planes of the plate and deep-well blocks
- Versatile software included

SCINOMIX SCI-PRINT MP₂+

The ultimate micro-plate labelling system



FEATURES AND BENEFITS

- Fully automated microplate labeling system
- Prints and applies labels on all sides of the rack
- Can label 440 racks an hour
- Compatible with a wide variety of microplates and deep well blocks
- The Scinomix Sci-Print MP2+ comes with a de-lidder
- A single stacker can hold up to 48 half-height and non-lidded microplates or 13 deep well blocks.
- The Scinomix system offers even more walk-away time
- A small and compact device that saves valuable space in the lab.

SCINOMIX SCI-PUMP PERISTALTIC PUMP

Compact peristaltic pump for continuous flow applications.

PLATE LABELLERS



FEATURES AND BENEFITS

- Compact benchtop peristaltic pump
- Optional accessory for Sci-Print VX2 or Sci-Print VXL
- Excellent for dispensing volumes of 50 ul or more
- Best suited for dispensing a reagent solution into multiple tubes
- Most commonly used for aqueous solutions
- Provides highly reproducible flow rates with minimal variation
- Can be used for bulk filling or filling of reagents
- Eight-roller unit features tubing and nylon pins for a long life of all fluid contact surfaces

scinomix



SCINOMIX SCI-PRINT SOLO TUBE LABELER

Semi-automatic tube labelling system.

FEATURES AND BENEFITS

- Prints and applies labels to a wide range of tubes
Compatible with tubes from 0.5 ml to 50 ml (8 mm to 29 mm in diameter)
- Can be used in a manual stand-alone environment
- Can be integrated into fully automated systems
- Compact size for use on the work surface
- Eliminates human errors that can occur when labelling by hand
- Increases productivity and efficiency in the lab
- Versatile software included



we deliver
you discover



PLATE
LABELLERS

SCINOMIX RAPIDCAP₂

High throughput capping and decapping for your lab.

scinomix

FEATURES AND BENEFITS

- Designed for capping and decapping cryotubes between 0.5 and 2.0 ml in only approx. 4 seconds per tube
- Factory-configured system that is ready to use and can be adapted to the user's needs
- Small benchtop unit that frees up valuable lab space
- Closure colour sensor/recognition allows for additional quality control
- Integrates with third-party automation
- Easy-to-use software



SCINOMIX BB DROPPER

For bead beating (BB) and homogenization processes in agricultural laboratories.

FEATURES AND BENEFITS

- Designed for dispensing metal beads into a variety of microliter plates, deep well blocks and tube racks.
- Microprocessor program provides automatic operator guidance, instrument control and error checking
- User-replaceable cartridges allow for different BB sizes
- Hopper capacity ranges from 3,800 to 20,000 BBs, depending on BB size
- Backlit LCD display for user guidance and error indication
- The working height of the dispenser mechanism is adjustable to accommodate different plate/block heights (up to 80 mm)



SCINOMIX PIN REPLICATORS

Transferring smaller volumes, disposable and automation-friendly

FEATURES AND BENEFITS

- Eliminate the threat of cross-contamination
- Available in 384 and 96 formats
- Integrated with a gripper-friendly design and is easy to place
- Saves valuable research time
- Made from Polypropylene (PP) and easily disposable

PLATE LABELLERS

scinomix



SCINOMIX PLATE LABELS

Strong labels for your sample storage racks and plates

FEATURES AND BENEFITS

- Eliminate the threat of cross-contamination
- Available in 384 and 96 formats
- Integrated with a gripper-friendly design and is easy to place
- Saves valuable research time
- Made from Polypropylene (PP) and easily disposable



SCINOMIX UNIVERSAL GRIPPER

A tube gripper upgrade to the Sci-Print labellers

FEATURES AND BENEFITS

- Upgrade your already purchased VX2 and VXL
- Universal gripper allows user to switch between tube types
- Integrated with a gripper-friendly design and is easy to place
- Replaces original gripper, works with a wider variety of storage tubes and cryovials
- Saves time by not having to change gripper each session



we deliver
you discover



sample storage



brands



THE ULTIMATE LABWARE AND MACHINERY TO STORE YOUR VALUABLE SAMPLES

In our sample storage portfolio, you can find the innovative 2D-coded sample storage tubes by Micronic, with external and internal threads. You can also find Micronic Hybrid-coded tubes to ensure the ultimate traceability of your samples. Fitting on the tubes are a wide variety of caps and the tubes can also be stored in SBS-format racks. To cap or decap our sample storage tubes we offer different equipment by Micronic and AFYS3G. Rather store something for a short period? Then you are also able to seal the tubes or plates with a heat sealer by Vitl.

MICRONIC SAMPLE STORAGE TUBES

Store your valuable samples and aliquots for longer periods.

SAMPLE STORAGE TUBES



MICRONIC
INNOVATION IN SAMPLE STORAGE

SUPERIOR MICRONIC TUBE FEATURES

- Manufactured and assembled in a certified Class 7 clean room environment
- Upon request, products can be supplied gamma-irradiated or ethylene oxide treated
- No measurable amount of extractable from material leach into samples
- Endotoxin level of labware limited to an acceptable minimum (<0.01 EU/ml)
- Complies with highest injection molding standards and is free from RNase and DNase contamination
- Complies with Class 1 CE label (EU directive 98/79/EC is the leading standard). Material Safety Data Sheets available for all products
- Materials and auxiliary agents used to manufacture labware are FDA-compliant and selected based on the highest purity levels

INTERNAL THREAD

- Has a thread on the inside of the tube, for the tightest seal possible during ultra-low temperature storage
- Supplied with or without 2D code on the bottom, which has a black code surface that can't be separated from the tube due to a unique injection molding technique
- Offers different cap types for secure and sustainable storage

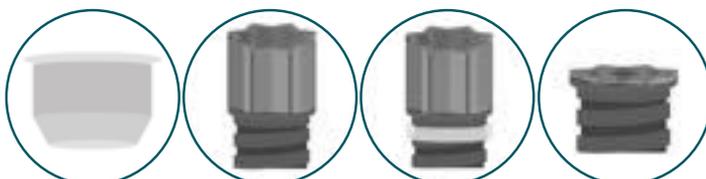


EXTERNAL THREAD

- Has a thread on the outside of the tube, maximizing the working volume of the tube
- Supplied with or without 2D code on the bottom, which has a black code surface that can't be separated from the tube due to a unique injection molding technique
- Has a Hybrid version with multiple white codeable fields on the tube



CAPS FOR INTERNAL THREAD TUBES



Push Caps; special push caps for storage until -80°C

Screw Caps; the regular screw caps for long-term storage

Screw Caps Ultra; caps with an optimal seal for automation

Screw Caps Low Profile; lower caps to save extra storage in the freezers

CAPS FOR EXTERNAL THREAD TUBES



Push Caps; special push caps for storage until -80°C

Screw Caps; the regular screw caps for long-term storage

Screw Caps IG; screw caps with improved grip for automated systems

SAMPLE TUBE BOTTOM TYPES



Inner Flat-bottom for the ultimate storage of tissue or other solid material.



Inner V-bottom for maximum sample recovery and lowest dead volume.



Inner U-bottom for maximum working volume.

MICRONIC EXTERNAL THREAD TUBE CHART

Overview and specifications.



	0.30 ml	0.40 ml	0.75 ml	0.80 ml	1.00 ml	1.10 ml	1.40 ml	2.00 ml	3.50 ml	4.00 ml
Storage Rack	Micronic 96-1	Micronic 96-1	Micronic 96-2	Micronic 96-3	Micronic 48-1	Micronic 96-3	Micronic 96-4	Micronic 96-5	Micronic 24-2	Micronic 48-4
Inner Tube Shape	V- or Vr-bottom	V-bottom	V-bottom	V-bottom	Flat Bottom	V-bottom	V-Bottom	V-bottom	Flat Bottom	Flat Bottom
Working Volume with Screw Cap	0.30 ml or 0.22 ml	0.40 ml	0.60 ml	0.75 ml	0.85 ml	0.93 ml	1.11 ml	1.55 ml	3.35 ml	3.40 ml
2D Coded Non-Coded	Yes Yes	Yes No	Yes Yes	Yes No	Yes No	Yes Yes	Yes Yes	Yes No	Yes No	Yes No
Outer Diameter Tube Height With Screw Cap	8.8 mm 16.4 mm 19.9 mm	8.8 mm 21.8 mm 25.3 mm	9.0 mm 30.0 mm 33.5 mm	8.8 mm 34.8 mm 38.3 mm	13.0 mm 16.0 mm 19.7 mm	9.0 mm 41 mm 44.6 mm	9.0 mm 48.0 mm 51.5 mm	9.0 mm 63.0 mm 66.5 mm	16.3 mm 30.0 mm 33.5 mm	13.0 mm 48.0 mm 51.5 mm
Twist-lock Snap Tube Minimum Storage Temp.	Yes No Vapor Phase LN2	Yes No Vapor Phase LN2	Yes No Vapor Phase LN2	Yes No -80°C* (Use rack with cover)	Yes No Vapor Phase LN2	Yes No Vapor Phase LN2				

*For -80°C storage of the 2.00ml tube it is recommended to always use a rack with cover.

DID YOU KNOW...

We also offer a Micronic single tube picker/selector that helps you pick a tube from an entire filled rack. This nifty tool can help you manually select a tube without having to tip over the rack or lift it. You also only require to use one hand to pick the tube.



MICRONIC HYBRID TUBE CHART

Externally threaded tubes with 4 coding concepts.

HYBRID TUBES



MICRONIC
INNOVATION IN SAMPLE STORAGE

							
	0.75 ml	1.40 ml	1.50 ml	2.00 ml	3.00 ml	3.00 ml	6.00 ml
Storage Rack	Micronic 96-2	Micronic 96-4	Micronic 24-1	Micronic 48-2	Micronic 48-3	Micronic 24-1	Micronic 24-4
Inner Tube Shape	U-bottom	U-bottom	Flat bottom	Flat bottom	Flat bottom	Flat bottom	Flat bottom
Working Volume (+21°C)	0.62 ml	1.20 ml	1.45 ml	1.95 ml	2.90 ml	2.45 ml	6.00 ml
2D coded	Yes	Yes	Yes	Yes	Yes	Yes	Yes
1D barcoded	Yes	Yes	No	Yes	Yes	No	Yes
Human readable	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Blank tube walls	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Capping Options	Screw Cap	Screw Cap	Screw Cap				
Outer Diameter	8.8 mm	8.8 mm	16.3 mm	13.0 mm	13.0 mm	16.3 mm	16.3 mm
Tube Height	30.0 mm	48.0 mm	16.0 mm	30.0 mm	41.0 mm	23.0 mm	48.0 mm
Tube Height with SC	33.5 mm	51.5 mm	19.5 mm	33.5 mm	44.5 mm	26.5 mm	51.5 mm
Height tube in rack	30.8 mm	48.8 mm	17.0 mm	30.8 mm	42.0 mm	24.0 mm	48.8 mm
Precapped	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Twist-lock	Yes	Yes	Yes	Yes	Yes	No	Yes
Min. Storage Temp.	Vapor Phase LN2	Vapor Phase LN2	Vapor Phase LN2				
Availability	Bulk, Rack	Bulk, Rack	Bulk, Rack				

FEATURES AND BENEFITS OF HYBRID TUBES

- Includes 2D Data-Matrix code, 1D barcode, human-readable code, and blank space for own ID
- 1D & 2D barcodes laser-etched onto the tube
- White code surfaces permanently on the tube due to a unique injection molding technique
- Triple-start thread ensures optimal seal quality for long-term storage



AVAILABLE IN SMALL PACKS!



SCREW CAPS



MICRONIC SCREW CAPS FOR TUBES WITH EXTERNAL THREAD

Secure seal for ultra-low temperature storage.



FEATURES AND BENEFITS

- Triple-start thread for optimal sealing
- Available in 12 different colors
- Ideal for storage in ultra-low temperatures
- Unique lock when sealed prevents overturning of cap
- Eliminates the possibility of the sample coming into contact with the screw thread
- Minimizes the chance of cross-contamination while improving sample integrity
- Cap optimized for automated equipment
- Sturdy design and made of high-grade Polyethylene
- Comes in 96-well, 48-well and 24-well sizes

MICRONIC SCREW CAPS IG

Improved grip caps for automated systems.

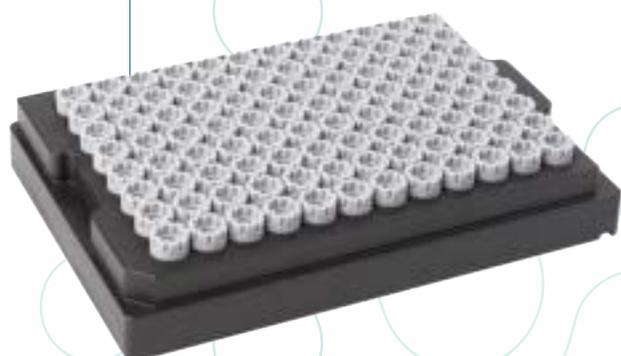


FEATURES AND BENEFITS

- Screw caps that are optimized for use in automation
- Has a cap height of only 5.8mm, so smaller than regular external screw caps
- Has an improved pattern on the sides for an extra strong grip
- Newly designed lead-in on top of the Screw Cap ensures a better tube placement
- Comes in 96-well size

MICRONIC CAP CARRIER

Automation-friendly cap carrier resistant to any chemical solvents.



FEATURES AND BENEFITS

- High-quality silicon O-ring
- Ideal for sample storage at ultra-low temperatures
- Resistant to chemical solvents
- Free of any detectable RNase or DNase contamination
- Class 7 certified clean room
- Compatible with 96, 48 and 24-well format

MICRONIC INTERNAL THREAD TUBE CHART

Overview and specifications.

INTERNAL
THREAD TUBES

MICRONIC
INNOVATION IN SAMPLE STORAGE

							
	0.50 ml	0.75 ml	1.10 ml	1.40 ml	2.00 ml	4.00 ml	6.00 ml
Storage Rack	Loborack-96 Micronic 96-1 Micronic 96-Q1	Loborack-96 Micronic 96-2	Roborack-96 Micronic 96-3	Roborack-96 Comorack-96 Micronic 96-4	Micronic 96-5	Micronic 48-4	Micronic 24-4
Inner Tube Shape	V-bottom	V- or U-bottom	V-bottom	V- or U-bottom	U-bottom	Flat bottom	Flat bottom
Working Volume with Push Cap (PC)	0.30 ml	0.58 ml	0.90 ml	1.15 or 1.20 ml	1.58 ml	N/A	N/A
Working Volume with Screw Cap (SC)	0.21 ml	0.48 ml	0.80 ml	1.04 or 1.10 ml	1.49 ml	2.70 ml	4.80 ml
2D coded	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alphanumeric	Yes	Yes	No	Yes	Yes	Yes	No
Non-coded	Yes	Yes	Yes	Yes	No	Yes	Yes
Capping Options	Screw Cap Push Cap	Screw Cap	Screw Cap				
Outer Diameter	9.0 mm	13.0 mm	16.3 mm				
Tube Height	18.5 mm	26.0 mm	36.5 mm	44.0 mm	59.0 mm	44.0 mm	43.35 mm
Tube Height with PC	19.5 mm	27.0 mm	37.5 mm	45.0 mm	60.0 mm	N/A	N/A
Tube Height with SC	26.0 mm	33.5 mm	44.0 mm	51.5 mm	66.5 mm	51.0 mm	51.4 mm
Twist-lock	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Snap Tube Option	Yes	Yes	Yes	Yes	No	No	No
Minimum Storage Temperature	Vapor Phase LN2	Vapor Phase LN2	Vapor Phase LN2	Vapor Phase LN2	-80°C*	Vapor Phase LN2	Vapor Phase LN2

*For -80°C storage of the 2.00ml tube it is recommended to always use a rack with cover.

TUBESTRIP-8



AMBER TUBES



SNAP TUBES



TUBES
FOR EVERY
APPLICATION!

we deliver
you discover



SCREW CAPS



MICRONIC SCREW CAPS FOR TUBES WITH INTERNAL THREAD

Secure seal for ultra-low temperature storage.



FEATURES AND BENEFITS

- High-quality Silicon O-ring ensures optimal sealing
- Available in 12 different colors
- Ideal for storage at ultra-low temperatures
- Automation friendly
- Compatible with 96-, 48-, or 24- format Micronic tubes

MICRONIC SCREW CAPS ULTRA

The ultimate sealing cap for internal tubes.



FEATURES AND BENEFITS

- New design optimizes automated & manual handling because O-ring falls within tube
- Improved sealing performance for tubes with internal thread
- Available in four premium colors: blue, yellow, light green, red
- Ideal for storage at ultra-low temperatures



MICRONIC SCREW CAPS LOW-PROFILE

Safe on valuable freezer space and electricity costs.



FEATURES AND BENEFITS

- High-quality O-ring ensures optimal sealing
- Saves up to 33% of freezer space
- Available in 12 different colors
- Compatible with 96-format tubes
- Automation friendly



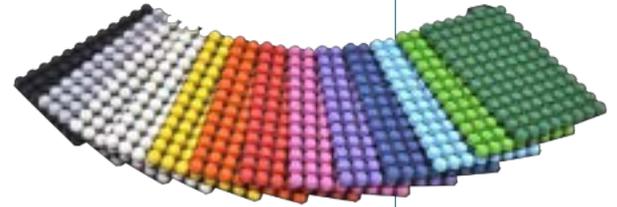
MICRONIC PUSH CAPS

Caps that tightly seal tubes for long-term sample integrity.

PUSH CAPS



MICRONIC
INNOVATION IN SAMPLE STORAGE



TPE CAPCLUSTERS

- Capclusters cap 96 tubes at once before plastic backing is removed to keep tubes separated for future use
- Compatible with 96-format internally and externally threaded tubes
- Available in natural and 12 different colors
- Store samples in temperatures as low as -80°C

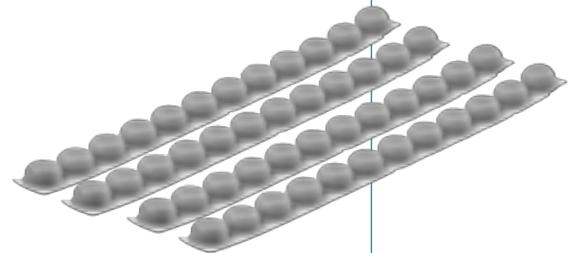
TPE CAPMATS

- Capmats cap 96 tubes at once and are arranged on a non-removable backing to keep tubes together once capped
- Compatible with 96-format internally and externally threaded tubes
- Available in natural and 7 different colors
- Store samples in temperatures as low as -80°C



TPE CAPBANDS

- Cap strips of 8 or 12 tubes in a single row or column
- Arranged on a non-removable back to keep tubes together once capped
- Available in natural and 9 different colors
- Use for samples stored in temperatures as low as -40°C



TPE LYO CAPS



Specially developed for lyophilization process.

EVA PUSH CAPS



Economical way to seal sample storage tubes.

TPE AUTO DECAPPER



Removes 96 push caps in 8 seconds.

MICRONIC STORAGE RACKS

An efficient way to store and protect your valuable samples.

STORAGE RACKS

MICRONIC
INNOVATION IN SAMPLER STORAGE

IDEAL PROPERTIES FOR ULTRA LOW TEMPERATURE STORAGE

138-well HD rack



96-well ULT rack



48-well ULT rack



24-well ULT rack



Tube Compatibility	Compatible with tubes from 0.75 ml to 0.80 ml in size	Compatible with tubes from 0.30 ml to 2.00 ml in size	Compatible with tubes from 1.00 ml to 4.00 ml in size	Compatible with tubes from 1.50 ml to 6.00 ml in size
Rack Format	6 rows of 13 tubes & 5 Rows of 12 tubes (138 tubes total)	12 rows of 8 tubes (96 tubes total)	8 rows of 6 tubes (48 tubes total)	6 rows of 4 tubes (24 tubes total)
Material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Dimensions	127,8 mm x 85,5 mm	127,8 mm x 85,5 mm	127,8 mm x 85,5 mm	127,8 mm x 85,5 mm
Resistant to Chemical Solvents	Yes	Yes	Yes	Yes
Minimum Storage Temperature	Vapor Phase LN2 to +100°C	Vapor Phase LN2 to +140°C	Vapor Phase LN2 to +140°C	Vapor Phase LN2 to +140°C



MICRONIC SPECIAL RACKS

Designed with distinct features.

DM Rack (Bottom ID coded rack)



FASTER SCANNING OF RACKS!

Specialty	With additional bottom-ID for faster and more accurate traceability
Tube Compatibility	Compatible with tubes from 0.30 ml to 1.40 ml in size
Rack Format	96-well format
Material	Polycarbonate
Dimensions	127,8 mm x 85,5 mm
Resistant to Chemical Solvents	Yes
Minimum Storage Temperature	Vapor Phase LN2 to +140°C

MICRONIC STARTER PACKS

For labs interested in getting started with 2D tubes and other automated products.

Micronic's starter packs are designed with you in mind. Whether you are a new lab searching for the perfect tubes and equipment or an advanced scientist looking for new ways to expedite your research, a starter pack will give you the opportunity to test new products without breaking your budget or interrupting your current workflow. All starter packs come with 2D tubes, caps, scanners, and manual or electric (de)capers.

STARTER
PACKS

MICRONIC
INNOVATION IN SAMPLER STORAGE



STARTER PACK BASIC

Includes 10 racks of tubes, caps, DT510 Tube Reader, DT300 wireless scanner, and manual decapping tools.



STARTER PACK STANDARD

Includes 10 racks of tubes, caps, DR505 code reader, and manual decapping tools.



STARTER PACK PREMIUM

Includes 40 racks of tubes, caps, DR505 code reader, screw cap or manual capper, and manual decapping tools.



STARTER PACK PREMIUM+

Includes 40 racks of tubes, caps, DR505 code reader, screw cap or electric capper, and manual decapping tools.



CRYO
TUBES

CAPP

CAPP EXPELL CRYOTUBES

With the patented QuickSeal™ and Lip Seal closures, your samples are safely stored.

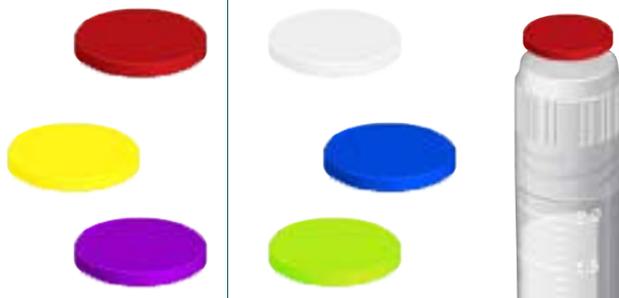


FEATURES AND BENEFITS

- External threaded tube that allows one-handed opening and closing
- Also suitable for square cryoboxes (9x9 and 10x10)
- Suitable for storage in the gas phase LN2
- Available in five sizes: 0.50ml, 1.00ml, 2.00ml, 4.00ml and 5.00ml
- Star-shaped base design, for safe handling and best stability when standing upright
- Max. Level indicator for sample storage at LN2

CAPP EXPELL CAP INSERTS

By inserting different coloured plates into the caps, you get a quick overview of your samples.

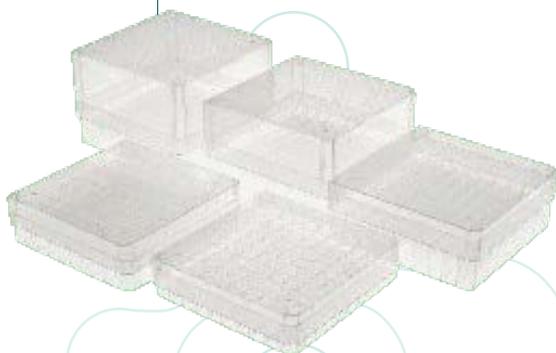


FEATURES AND BENEFITS

- Visual aid to quickly identify and keep your samples separate
- Easy and quick to install
- Are freezer stable
- Available in red, blue, purple, yellow, white and green
- Packed in bags of 500 plates each

CAPP EXPELL CAP INSERTS

By inserting different coloured plates into the caps, you get a quick overview of your samples.



FEATURES AND BENEFITS

- Designed for the storage of CAPP Expell cryotubes
- Also compatible with cryotubes from various manufacturers
- Made of very strong polypropylene, suitable for freezing at -90 °C and autoclaving at +121 °C (20 min.)
- With numerical coding on the lid and bottom of each box
- The edges of each box are beveled to ensure correct and proper positioning of the lid

SCINOMIX CAPS

Standard caps with O-ring by Scinomix.

FEATURES AND BENEFITS

- Compatible with 0.5ml, 1.5ml and 2.0ml screw cap microtubes
- Available in 16 different colours
- Easy $\frac{3}{4}$ turn to open and close
- Synthetic O-ring



CRYO
TUBES



scinomix

SCINOMIX TUBES

High-quality tubes designed to meet the needs of modern laboratories.

FEATURES AND BENEFITS

- The tubes are made from high-clarity, ultra-pure polypropylene
- Certified free of detectable DNase, RNase, DNA, PCR inhibitors and endotoxin
- Various formats and variants of tubes available: microtubes, centrifuge tubes and cryo tubes
- Microtube variants available in 0.5ml and 2.0ml sizes
- Microtube variants temperature range from -196°C to $+121^{\circ}\text{C}$
- Cryotube variants available in 1.0ml, 1.8ml and 4.5ml sizes



we deliver
you discover

MICRONIC PUSH CAP CAPPER CP400

A manual, user-friendly way to cap 96 push cap tubes in one action.

MANUAL
(DE)CAPPERS

MICRONIC
INNOVATION IN RAPID RESPONSE

EASY WAY
TO CAP
PUSH CAP
TUBES!



FEATURES AND BENEFITS

- Caps 96 push cap tubes with one action
- Compact and robust manual device
- Seals full & partially full racks with the complete range of Micronic TPE and EVA-style caps
- Caps tubes up to 1.4ml in all ANSI/SLAS format racks up to 48mm in height
- Compatible with tubes, racks, deepwell plates, and caps from other brands
- Custom adaptors made to accommodate specific tube/deepwell plate heights
- Receive one free adaptor upon purchase

MANUAL DECAPPING TOOLS

A manual, user-friendly way to decap one or more push cap tubes.



MANUAL DECAPPER-1
Removes a single TPE push cap.



MANUAL DECAPPER-8
Removes 8 push caps at once. Also available in aluminium for frozen tubes.



SCREW CAP RECAPPER CS100
Caps and decaps individual screw cap tubes.

MICRONIC AUTOMATIC PUSH CAP (DE)CAPPERS

User-friendly, automatic (de)capping equipment for push cap tubes.

AUTOMATIC
(DE)CAPPERS



MICRONIC
INNOVATION IN SAMPLE STORAGE

MICRONIC PUSH CAP DECAPPER CP620

Decaps an entire rack of push cap tubes in 8 seconds.

- Simple and safe operation with CE-approval and conform UL
- User-friendly interface for easy selection of tube size and no adapters required
- Operates stand-alone or in a fully automated environment and minimizes cross-contamination
- Compatible with the range of Micronic 96-format tubes (up to 1.40ml) and other brands of tubes and caps with internal thread



MICRONIC PUSH CAP CAPPER CP600

Caps an entire rack of push cap tubes in 7 seconds.

- Works on full and partially full racks of tubes
- Caps an entire rack of 96 tubes in an average of 7 seconds (depending on tube height)
- Built with a controlled pressure system for an even capping result
- CP600 works with tube sizes up to 1.40ml (48mm) & CP610 works with tube sizes up to 2.50ml (86mm)
- Compatible with the complete range of Micronic 96-format internal thread tubes



we deliver
you discover

AFYS₃G AUTOMATIC SCREW CAP CAPPER

User-friendly, automatic (re)capping equipment for screw cap tubes.

AUTOMATIC
(DE)CAPPERS

AFYS₃G



SIGMA RECAPPER BY AFYS₃G

A screw cap recapper for every laboratory environment

- (De)caps screw capped tubes within less than 30 seconds
- Serves 96-well racks, 48-well racks and 24-well racks
- Optimized for integration into a fully automated laboratory environment
- Compatible with ANSI/SLAS standard racks
- Easy to use interface allows users to select the type of labware they want to use



SIGMA STR TUBE CAPPER BY AFYS₃G

Automated single tube capper for every benchtop

- A short capping cycle of a single tube in just 7 seconds
- Compatible with tubes of most common brands
- Can store up to 500 caps
- Equipped with a color touchscreen
- Ensures a tight seal with a precise tightening torque
- Reduces strain of hands of manual capping

DID YOU KNOW...

The AFYS₃G Sigma STR is capable of counting the number of tubes that have been capped, allowing you to keep track of your process.



REQUEST YOUR FREE DEMO NOW

CONTACT US AT: INFO@NBSSCIENTIFIC



AFYS13G





AUTOMATIC
(DE)CAPPERS

MICRONIC
INNOVATION IN CAPPER STORAGE

MICRONIC SCREW CAP RECAPPER CS500

A handheld, automatic device that caps, decaps, or recaps an entire row of tubes in 5 seconds.

FEATURES AND BENEFITS

- Large ejection handle discards caps easily
- Flexible design simplifies (de) capping process
- Models available for 96-, 48-, and 24-format screw cap tubes
- Ergonomic solution for left and right-handed users
- Small footprint
- No battery charging required
- Compatible with Micronic standard and low-profile screw caps as well as caps from other brands
- Minimizes contamination
- Screw caps tightened securely and uniformly
- Precise torque value for optimal sealing quality



AWARD-
WINNING
DESIGNS!

MICRONIC DOCKING STATION

The Semi-automated addon to the CS500 capping series.

FEATURES AND BENEFITS

- Turns any capper of the CS500 into a semi-automated system
- Works with 96-well, 48-well and 24-well format sample storage tubes
- Can cap, decap or recap a row of tubes in less than 5 seconds and a whole rack in only 1 minute
- Compact and can be placed on any desktop
- Caps tubes efficiently
- Each screw cap is reproducibly tightened securely and uniformly
- Minimizes cross-contamination



MICRONIC SCREW CAP RECAPPER CS700

An automatic device that caps, decaps, or recaps an entire rack of tubes in less than 30 seconds.

FEATURES AND BENEFITS

- User-friendly touch screen
- Ethernet connection allows for various protocols
- Models for 96-, 48-, and 24-format screw cap tubes
- Precise torque value for optimal sealing quality
- Quiet operation
- Compatible with Micronic tubes (up to 6.0ml) and tubes from other brands
- No adaptors required
- Optional sensor cap detection
- Operates stand-alone or in a fully automated environment



VITL VARIABLE TEMPERATURE SEALER

Variable temperature heat sealer for a wide range of microplates.

FEATURES AND BENEFITS

- Designed to deliver consistent sealing in low to medium throughput laboratories
- User-variable time and temperature settings via an intuitive keypad
- Unique, ergonomic lever action, specifically designed to avoid repetitive strain injury
- One-time seal with uniform heat distribution meaning there is no need to rotate or reseal
- Warms up within minutes (170°<10mins)



HEAT SEALERS



Vitl
LIFE SCIENCE SOLUTIONS

VITL MICRO TS HEAT SEALER

A compact, fixed temperature heat sealer for PCR plates and microplates.

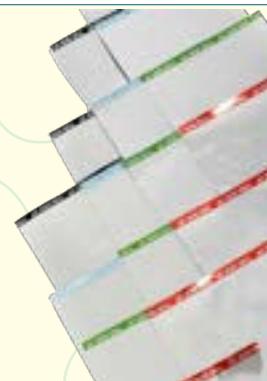
FEATURES AND BENEFITS

- Space saving design with a very small footprint
- Lightweight (only 4 Kg)
- Fast warm up time (<10 mins)
- LED to indicate when the MicroTS is at its pre-set sealing temperature



DID YOU KNOW...

Vitl offers a range of foil and film microplate heat seals which are designed for sealing various plate formats; providing optimum protection against sample loss through evaporation making them ideal for long-term storage. The seals are colour-coded for easy identification and the seals have a 'This way up' marking.



we deliver
you discover



media preparation



brands FAST AND SAFE MEDIA PREPARATION BY INTEGRA

CAPP

INTEGRA

Integra, a company based in Switzerland and the USA, is a leading supplier of high-quality laboratory products for liquid processing, media preparation and sterilization. Integra is known for its quality service. Moving liquids in a precise and productive way is core to many tasks of laboratory professionals in the life science industry. NBS Scientific is, together with Integra, dedicated to offering fast and safe solutions for media preparation. Also want matching high-quality Petri Dishes? Then we recommend the Capp Petri Dishes.

INTEGRA MEDIACLAVE

Media sterilizer.

FEATURES AND BENEFITS

- Allows the rapid and gentle sterilization of 1 - 10L culture medium. MediClave is also available for bigger volumes of 30L
- Precise controlling and monitoring of process parameters during the sterilization process guarantee media of constant quality
- Intuitive multilingual user interface
- Powerful bi-directional stirrer to guarantee homogeneous media
- Flow heater system for fast and gentle media preparation
- Can be quickly and conveniently connected to the dispensing tubing of the automated Petri dish filler MediaJet



MEDIACLAVE & MEDIAJET



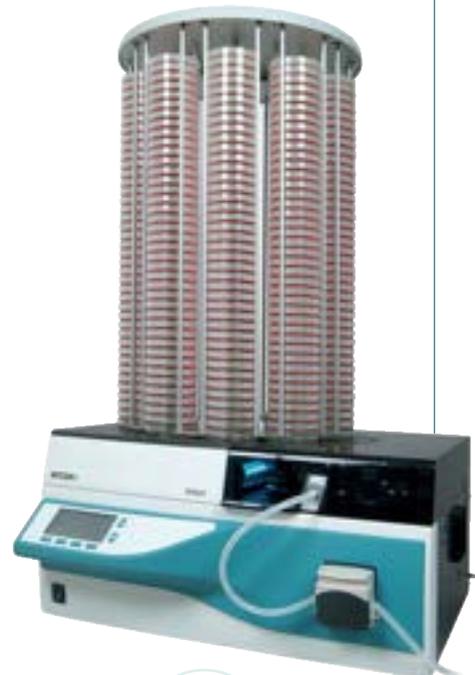
INTEGRA

INTEGRA MEDIAJET

Petri dish filler.

FEATURES AND BENEFITS

- Offers unique flexibility to fill Petri dishes as well as test tubes of various sizes
- Controlled dish guidance for reliable walk-away operation
- Processing of various dish diameters (Ø90, 60 or 35mm) and dish heights
- Available with a carousel capacity of 360 or 540 dishes
- Equipped with a UV lamp, keeping the filling chamber free from contamination
- Has a built-in 'Agar Spread Function' which ensures a homogenous distribution and an even surface of the agar
- With an intuitive interface and self-explanatory system





CAPP

CAPP PETRI DISHES

High quality petri dishes with excellent thermal and optical qualities.

FEATURES AND BENEFITS

- High-grade petri dishes that ensure microbial cultivation
- Capp Petri Dishes are designed to optimize your work space
- High quality optical properties which speeds up analysis after incubation
- Optimized airflow without the risk of contamination



CAPP MEDIA BOTTLES

Ensure the integrity of samples with state of the art materials.

FEATURES AND BENEFITS

- Suitable for storage between -70°C and 60°C
- Manufactured with the best materials to minimize influence on your samples
- Media Bottles have been tested to remain sealed under various conditions
- Designed to meet stringent biopharmaceutical requirements
- Available in multiple volumes between 30 ml and 2000 ml



REQUEST YOUR FREE DEMO NOW

CONTACT US AT: INFO@NBSSCIENTIFIC



INTEGRA



we deliver
you discover



cell cultivation



brands THE CELL CULTIVATION SYSTEM THAT CAN BE CUSTOMIZED

PFEIFFER

Cell culture is the process by which cells are grown under controlled conditions, generally outside their natural environment. After the cells of interest have been isolated from living tissue, they can subsequently be maintained under carefully controlled conditions. Pfeiffer is a German company with a lot of experience in cell control. This company has the knowledge to guarantee constant quality.

CELLROLL

Optimized cell culture.

CELL CULTIVATION

PFEIFFER

FEATURES AND BENEFITS

- Includes two roller racks, which each hold 2 bottles, for a total of 4 bottles
- Includes a control unit and a motor unit (Bottles are sold separately)
- A motor unit can handle 8 roller racks, which are 16 bottles in total and the control unit can handle up to 2 motor units, so 32 bottles total.
- Additional racks and control units are sold separately
- The drive unit is moisture resistant and comes in 2 programmable speed ranges: 0.1 to 2 rpm or 2 to 6 rpm
- An alarm is triggered in the event of a power failure or accidental disconnection of the drive unit or control panel
- Robust and corrosion-resistant design



CELLSPIN

Optimized cell culture.

FEATURES AND BENEFITS

- Shaker for cell cultures in flasks with a robust and corrosion-resistant design
- Flasks have a culture volume from 100 to 1000 ml
- Speed ranges from 5 to 75 rpm while the stirring parameters can be individually adjusted and changed at any time on the control panel
- The control panel can be positioned outside the incubator, while the flask can be stirred inside
- An alarm is triggered in the event of a power failure or accidental disconnection of the drive unit or control panel



CELLINE

A disposable bioreactor for high protein expression rates.

FEATURES AND BENEFITS

- Cultivate cells at the highest densities (10^7 - 10^8 cells/ml)
- Express proteins like monoclonal antibodies at very high concentrations and less consumption of supplements like serum, therefore reducing costs
- The bioreactor is separated by means of a 10kDa semi-permeable membrane, which allows a continuous diffusion of nutrients into the cell compartment with a current removal of any inhibitory waste product



we deliver
you discover



technical services



TECHNICAL SERVICE

Preventative maintenance plans keep your equipment in excellent condition.

By investing in our preventative maintenance plans, you can make sure your laboratory automation equipment works properly every day of the year. Regardless of your location, our service technicians will install, demo, train, and/or repair your equipment on-site. Simply call or email us to discuss your laboratory's needs.

NEED TECHNICAL SUPPORT?

We've got you covered.

Whether you need help placing an order or have a question about a product, our technical experts are here to assist you when you need it most. There are three easy ways to contact us.



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TECHNICAL SERVICES BY NBS SCIENTIFIC

Accuracy and durability of equipment.

SERVICE CONTRACTS



MAINTENANCE AND REPAIRS

By well-trained employees

Our service technicians are highly-skilled and trained by the manufacturers to repair and maintain your laboratory automation systems.



BASQUE SERVICE CONTRACTS

A standard PM service plan for maintaining your Basque equipment.

EQUIPMENT

We offer service to the following Basque equipment

- CXT 353 Aliquotter



Standard

Standard Visit CXT 353 Aliquotter

All listed services are valid for a duration of 12 months

Services offered

- ✓ One (1) scheduled preventive maintenance (PM) inspection
- ✓ Travel expenses related to preventive maintenance visit
- ✓ Physical inspection of unit & performance testing and functionality testing of sensors, motors, positions, and accessories
- ✓ Thorough cleaning of unit and LN₂ tank
- ✓ Inspection of fuses, probes, collar, clips, tank, lead screws, coring head, power cords and plugs
- ✗ Exclusions: all repair parts

SERVICE
CONTRACTS



DISPENDIX SERVICE CONTRACTS

Ranging from different service and support packages.

EQUIPMENT

We offer service to the following Dispendix equipment

- I.DOT S, I.DOT L, I.DOT HT
- L.DROP
- G.STATION



Most popular

Basic

Basic Service Package

All listed services are valid for a duration of 12 months

Services offered

- ✓ Standard care (Response time >24h)
- ✓ Travel time & costs
- ✓ Remote technical support
- ✓ Service parts and repairs
- ✓ Shipping costs
- ✓ First year free (warranty)
- ✗ On-site application support
- ✗ Remote application support
- ✗ Preventive maintenance

Priority

Priority Service Package

All listed services are valid for a duration of 12 months

Services offered

- ✓ Priority care (Response time <24h)
- ✓ Travel time & costs
- ✓ Remote technical support
- ✓ Service parts and repairs
- ✓ Shipping costs
- ✓ On-site application support
- ✓ Remote application support
- ✓ Preventive maintenance

Application Support

Application Support Package

All listed services are valid for a duration of 12 months

Services offered

- ✓ Priority care (Response time <24h)
- ✓ Travel time & costs
- ✓ Remote technical support
- ✓ On-site application support

MICRONIC SERVICE CONTRACTS

Ranging from visits to preventive maintenance (PM) on Micronic devices.



EQUIPMENT

We offer service to the following Micronic equipment

- Screw Cap Recapper CS500-series + Screw Cap Recapper CS700-series



Most popular

Standard Plan

Standard PM Service Plan

All listed services are valid for a duration of 12 months

Services offered

- ✓ One scheduled PM inspection
- ✓ Performance test
- ✓ Thorough cleaning and lubrication of machine
- ✓ Functionality testing of machine and inspection of screw head, fuses, guides, o-rings, springs cords and plugs
- ⚙ Ship to workshop or repair on site (Travel expenses)
- ✗ Micronic software upgrades
- ✗ Excluding costs of all repair parts

Level 2

Level 2 Service Contract

All listed services are valid for a duration of 12 months

Services offered

- ✓ Includes all perks in Standard PM Service Plan
- ✓ One annual Preventive Maintenance inspection
- ✓ One emergency, on-site service visit
- ✓ Service visit includes repair parts*, labour costs and travel *excluding screw head
- ✗ Micronic software upgrades
- ✗ Extra emergency on-site service visit

Level 3

Level 3 Service Contract

All listed services are valid for a duration of 12 months

Services offered

- ✓ Includes all perks in Level 2
- ✓ Extra emergency on-site service visit
- ✓ Micronic software upgrades
- ✓ Service visit includes repair parts*, labour and travel costs *excluding screw head

SERVICE
CONTRACTS

INTEGRA

INTEGRA SERVICE CONTRACTS

Ranging from different service and support packages.

EQUIPMENT

We offer service to the following Integra equipment

- MediaJet
- MediaClave

INTEGRA

Most popular

PM Service Plan

Standard PM Service Plan
All listed services are valid for a duration of 12 months

Services offered

- ✓ One annual PM inspection
- ✓ Total control of device
- ✓ Replacement of consumable parts: lid-seal, sterile filter, adding, dispense port cap
- ✓ Control and adjustment of temperature
- ✗ Hourly rate, travel costs, parts due to malfunction or corrective maintenance

Level 2

Level 2 Service Contract
All listed services are valid for a duration of 12 months

Services offered

- ✓ One annual PM inspection
- ✓ Total control of device
- ✓ Replacement of consumable parts: lid-seal, sterile filter, adding, dispense port cap
- ✓ Replacement of major components preventively (3x safety valve, 2x circulation pump, 1x support pressure pump)
- ✓ Control and adjustment of temperature
- ✗ Hourly rate, travel costs, parts due to malfunction or corrective maintenance

Level 3

Level 3 Service Contract
All listed services are valid for a duration of 12 months

Services offered

- ✓ One annual PM inspection
- ✓ Replacements of major components on set times
- ✓ All hours, travel costs and parts due to malfunctions will be reimbursed
- ✗ Not included: Malfunctions or repairs due to user errors or misuse

SCINOMIX SERVICE CONTRACTS

Ranging from visits to preventive maintenance (PM) on Scinomix devices.



EQUIPMENT

We offer service to the following Scinomix equipment

- VXL & VX2



Most popular

Standard Plan	Level 2	Level 3
<p>Standard PM Visit All listed services are valid for a duration of 12 months</p> <p>Services offered</p> <ul style="list-style-type: none"> ✓ One scheduled preventive maintenance inspection per instrument ✓ Travel expenses related to PM visit ✓ Thorough cleaning and lubrication of rails and axis ✓ Functionality and performance testing of sensors, motors, and accessories ✓ Inspection of fuses, lead-screws, linear bearings & guides, belts, latches, grippers and rollers, hinges, power cords and plugs. (Adjustment, replacement, or repair of these parts done as necessary) 	<p>Level 2 Service Contract All listed services are valid for a duration of 12 months</p> <p>Services offered</p> <ul style="list-style-type: none"> ✓ Includes all offerings in Standard PM Visit ✓ One annual preventative maintenance inspection ✓ One on-site service visit for emergency needs ✓ Service visit includes repair parts (exclusions apply), labor cost, and travel ✗ Scinomix control software upgrades 	<p>Level 3 Service Contract All listed services are valid for a duration of 12 months</p> <p>Services offered</p> <ul style="list-style-type: none"> ✓ Includes all offerings in Level 2 ✓ Scinomix control software upgrades ✓ One additional on-site service visit for emergency needs

we deliver
you discover



sustainability



SUSTAINABILITY PROGRAM

At NBS Scientific we value sustainable solutions at heart.

We strive to be as sustainable as possible. When it comes to purchasing decisions regarding our packaging materials, product portfolio or goodies and gifts, as well as our ways of traveling. When certain sustainable decisions can't be made (i.e. decisions that would impact the quality of our products and services), we think of ways to target these aspects, like becoming CO2 neutral.

OUR ROAD TO BECOMING CO₂ NEUTRAL

In 2023 we became CO2 neutral by supporting forest projects of Trees For All.

In 2023 we became CO2 neutral with regards to our building and transportation. To offset our unavoidable CO2 emission during commuting and business travel we are a proud owner of a CO2 compensation certificate issued by Trees For All. We made a donation for every tonne of CO2 emitted. Trees For All ensures that these emissions are recorded in their certified forestry projects. We choose to support the reforestation of the Bolivian forests.



CORPORATE SOCIAL RESPONSIBILITY

Our program reflects our commitment towards a greener world.

At the core business of NBS Scientific, Corporate Social Responsibility (CSR) plays an important role. Our CSR program focusses on three fundamental elements: the well-being of our employees (People), sustainability (Planet) and social commitment (Profit). We pursue ethical relationships with our employees, customers and suppliers, participate in efforts that promote a better, more sustainable world and contribute to local and national organizations that advocate for the health and welfare of animals and human beings. Listed below are the initiatives we've implemented in our company. This is also outlined in our quality management system that is certified to ISO 9001-2015.



WELL-BEING OF OUR EMPLOYEES

This is what we do to help our employees to stay healthy and motivated.

- Make sure employees use their vacation days to keep an optimum work-life balance
- Regular activities to keep up the team spirit
- Create an open and informal atmosphere to stimulate new ideas
- Offer trainings and courses to develop talents further



SUSTAINABILITY

This is what we do for a better, more sustainable world.

- The head office runs completely on 100% European wind energy
- Work with suppliers that have the same focus on sustainability
- Offer products to customers that promote sustainability (e.g. refills)
- Reduce energy usage by adapting the office light plan
- Focus on digital communication instead of print (if so, recycled paper is used)
- Our sales employees drive cars with low CO2 emission (A-label)
- Keep sustainability in our mind with every decision that we make



SOCIAL COMMITMENT

This is how we are socially involved.

- Support several national charities, like Trees For All, focusing on helping to regrow forests
- Support the local charity Muziekids, which supports children that are hospitalized by giving them an opportunity to play musical instruments and distract them from any pain they might have
- Offer work placements or comakerships to students as part of their studies



OUR BRANDS

Learn more about the brands we love to work with.



AFYS3G is a Dutch company committed to improving laboratory processes by developing bench-top equipment that represents the 3Goals for which AFYS3G was founded; enhance performance, empower integration and ensure compatibility.



Basque Engineering and Science delivers off the shelf and custom automated frozen aliquoting solutions to the scientific community to preserve sample integrity, increase sample utilization and support major R&D initiatives.



CAPP is a Danish company that is specialized in liquid handling products (pipettes and pipet tips). The product range of CAPP also contains laboratory consumables and benchtop equipment. CAPP lab equipment is outstanding in terms of ergonomics, design and functionality.



Dispendix, founded in Germany, is a company that specializes in liquid handling solutions in the nano- to microliter range. Dispendix prides itself on its intuitive automation and precision technology, allowing scientists to optimize liquid handling workflows.



GenTegra is an American company that manufactures stabilization products to protect biological samples during transportation and long-term sample storage. GenTegra's products help customers to collect, transport, and/or store RNA and DNA samples at ambient temperatures.



Integra is a company which is committed to creating innovative solutions that meet the needs of customers in research, diagnostics and quality control within the Life Science industry and the medical industry. Integra is certified according to the standards of ISO 9001.

Products available in: The Netherlands



Micronic, based in the Netherlands and the US, manufactures innovative sample storage and preservation products for research laboratories in the life sciences industry. These products include sample storage tubes, racks, caps, barcode readers, and automated lab equipment.



Novitain offers labware and equipment products to enhance the preparation and processing of samples. The labware products include blank round bottom tubes in 96-well format, a high-density format Grid Rack and caps in a strip, mat or cluster format.

PFEIFFER

PFEIFFER electrical engineering GmbH is a German company which has been in the business for over 20 years with automation and finding customized solutions. With the CELLROLL and CELLSPIN product line they are focusing their activities on laboratory technology & biotechnology.

ritter MEDICAL

Ritter GmbH is a highly productive manufacturer of plastic consumables. The family owned company has more than 50 years of experience in the injection moulding of branded laboratory and medical products. Their own productions facilities are certified according to ISO DIN 9001.

scinomix

Scinomix is an American company specializing in automatic plate and tube labelling systems for the life science industry. These automatic systems can scan, sort, decap, fill, seal, and label a variety of tubes, including Micronic tubes. The devices have high throughput and are built with high-quality components.

Products available in: France, Germany, Denmark, Switzerland, the United Kingdom, United States

SPL GUARD

SPL Guard develops and produces lab equipment that can be used for the controlled preparation of biological samples prior to sample handling or sample storage in ultra-low temperatures.

Vitl

Vitl designs, manufactures and sells high quality laboratory instruments to compete with market leaders at an affordable price with unrivalled functionality, usability and style. This range includes the world's best-selling microplate heat sealer – The VTS and its compact counterpart the MicroTS.

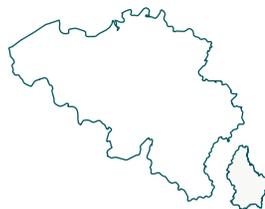
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EVENTS, TRADE SHOWS AND WEBINARS

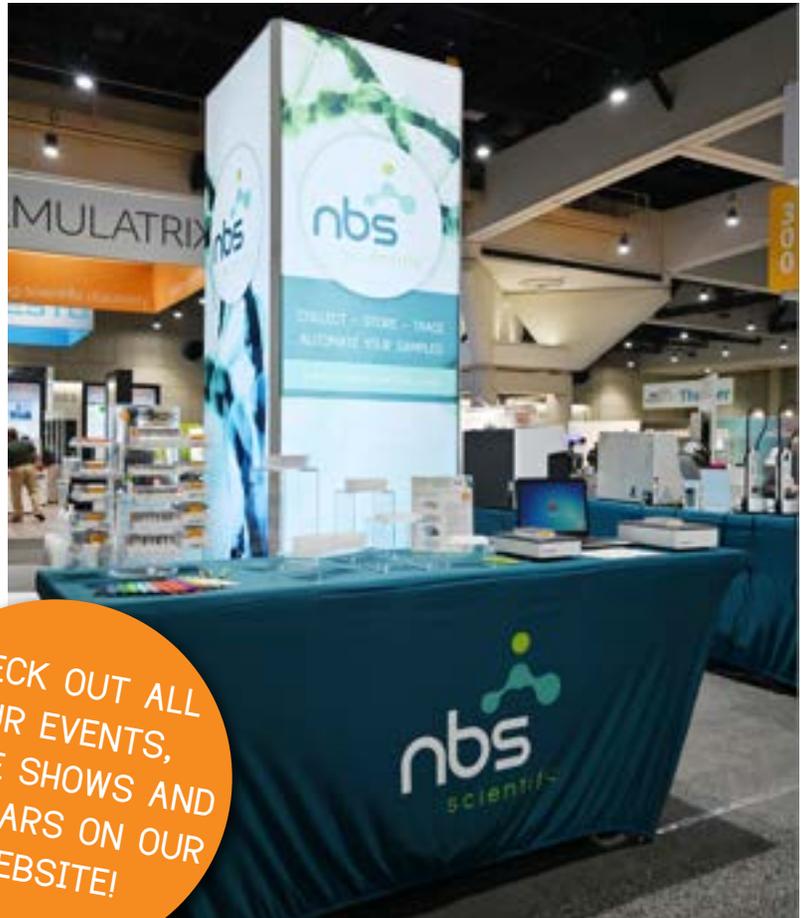
Come meet our team or get a live demonstration.

Throughout the year NBS Scientific has different stands on the most represented trade shows & exhibitions of the Life Science market. We aim to show our latest product innovations and give live demonstrations of how our products can enhance your laboratory environment.

Next to this we host several webinars and online demonstrations of our products and interesting topics during the year.

Wish to know more about our upcoming events?

Scan the QR code for an overview of upcoming event you can find us on!



CHECK OUT ALL
OUR EVENTS,
TRADE SHOWS AND
WEBINARS ON OUR
WEBSITE!

SOCIAL MEDIA AND NEWSLETTER

Stay up to date with our latest product innovations by connecting us.



DO YOU ALREADY FOLLOW US ON SOCIAL MEDIA?

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