

Lab Solution Highlights

Edition Q4.2016 – Q1.2017





Lab Weighing



Lab Water



Filtration



Microbiological Analysis

The Latest Solutions for your Lab

Working in a scientific lab environment means you face growing challenges every day. At Sartorius, our daily mission is to help you enhance lab efficiency. That's why we continuously develop innovative products and services to facilitate and accelerate your workflows. Find out how you will benefit from our latest lab solutions and our long-standing expertise.

Centrifugation



Liquid Handling

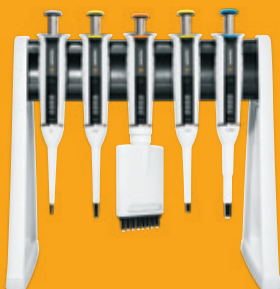


Services





Tacta[®] – The New Perfectly Balanced Mechanical Pipette



Enjoy the ultimate pipetting experience: Feel the comfort of superb ergonomics, stay safe from contamination and achieve reliable results time after time.

Features

- Optilock dual-function volume locking
- Optiject soft tip ejection technology
- Simple adjustment by the user for various liquids
- Large, clear display with 4 digits

Benefits

- Comfortable to hold due to the ergonomic handle
- Low pipetting and tip ejection forces
- Accurate results for various liquids thanks to easy adjustment
- Easy to clean, with only three parts to disassemble

arium[®] mini – The only System with Bagtank Technology



Benefit from the revolutionary combination of highest ultrapure water quality and convenience.

Features

- Bagtank technology for avoiding a permanent biofilm
- 4.3" touch display with intuitive menu navigation
- Compact with a width of only 28 cm
- Up to 10 liters ultrapure water daily

Benefits

- Easy bag exchange in less than 5 minutes
- Consistently highest ultrapure water quality
- Fast volume for regular dispensed volume
- Relevant information and dispensing options at a glance





Solvent Preparation

arium® mini plus UV

- Up to 10 liter of constantly ultrapure water on demand
- Constantly low TOC content
- Constantly low conductance
- Bagtank technology to avoid contaminations

Creation of Standards

Cubis® individual with Q-App

- Fully automated preparation of reference standards
- CFR21 Part 11 compliant records
- Automatic solvent volume adjustment according to sample weight



Liquid Handling

Tacta® Mechanical Pipettes, Low-Retention Tips and Bottle Top Dispensers

- Easy to clean
- High chemical resistance
- Optimum recovery of precious samples
- Reliable volume setting

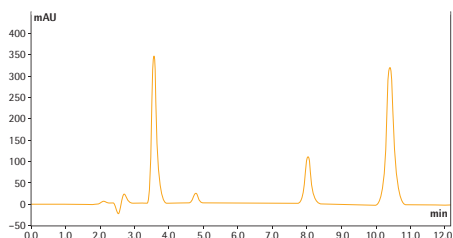


Filtration

Claristep® System or Minisart®

- Easy manual operation
- Filtrate up to 8 samples simultaneously with Claristep®
- Reliable removal of particles
- Syringe filters for different sample types

Clean HPLC Results



- Fewer ghost peaks
- Less background noise
- No column clogging
- Reliable results

HPLC – Clean Samples = Clean Results

HPLC as one of the most common analysis methods always pursues the target to gain reproducible and specific results. The quality of HPLC results is directly correlated to the quality of sample preparation. As this is demanding and time-consuming we at Sartorius support you to optimize your workflows with our solutions. By offering products for different HPLC sample preparation steps you can always rely on your HPLC results.





Microsart® @media & @filter – Unique Touch-free Membrane Transfer



Avoid secondary contamination in your microbiological analysis thanks to our unique agar plate design. After filtration, transfer the membrane to the agar using the innovative lid of the plate. Close the lid, incubate – that's it.

Features

- Touch-free membrane transfer with no need of tweezers
- Lid inside the lid enables further analysis of colonies after incubation
- No need to crack the device to transfer membrane to the agar plate

Benefits

- Minimizes the risk of secondary contamination
- Eliminates damage to the membrane by handling with tweezers
- Cost- & time-saving
- No risk of carpal tunnel syndrome

More Efficient Workflows with Secura[®] & Quintix[®]



Benefit from our broad portfolio, giving you five different models to choose from. These semi-micro balances deliver outstanding performance.

Features

- Built-in standard applications
- Plug & Play technology
- One-touch draft shield operation
- Temperature management system

Benefits

- Simplification of your workflows
- Quick and easy data transfer
- User-friendly operation
- Unmatched linearity and repeatability





Sterility Testing with Aseptic Sampling and Injection



Protect your samples against contamination with the septum technology of our Sterisart[®] units. The septum stands for 10 years of proven quality and guarantees a sterile barrier when sampling is necessary.

Features

- Gamma sterilized and gas-tight primary packaging makes rinsing step obsolete
- Large, 4-edged red caps connected to the sterilizing grade vent filter
- Color-coded tube clamps for easy visual identification of tubing
- Dual-needle spike with automatic venting

Benefits

- Without rinsing step, testing can start immediately
- Caps easy to grasp, even for users wearing a double pair of gloves
- Ensuring of correct connections reduces stress level while working in the isolator
- Minimizing risk to mistake the containers during filtration procedure

New Silent Centrisart[®] Centrifuge Family



Rely on the highest safety level thanks to the automatic rotor recognition detecting its maximum speed. Choose for every need the perfect centrifuge and select from different speeds, capacities and cooling options.

Features

- 6 models offering different speeds and capacities
- One knob control
- Large LCD display
- Guaranteed 4°C at maximum speed

Benefits

- Highest safety level
- Easy operation
- All parameters on one screen
- Reliable sample cooling





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