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# 01



## Conical Tubes 25 mL

### 25 mL

Why should you have to use a 50 mL conical tube for sample volume between 15 and 25 mL? Discover new possibilities with the innovative Eppendorf Conical tube 25 mL.

### Advantages

- > Easy sample access with low volume pipettes and tips
- > The SnapTec cap allows single-handed operation
- > Matching accessories for centrifugation, mixing & heating, automation, sample preparation, and storage

## Conical Tubes 15 mL and 50 mL

### Protein LoBind

Specifically designed when protein concentrations is low and sample recovery is vital for assay results.

### Advantages

- > No unspecific adsorption to tube surface and no sample loss
- > Increased reproducibility and reliable experimental results

### DNA LoBind

When handling low concentrations of nucleic acids, sample adsorption to inner surfaces of vessels shouldn't be ignored.

### Advantages

- > Excellent recovery of nucleic acids
- > DNA LoBind properties are achieved without surface coating

### Sterile and Light Protective

New tube material combines effective protection of light-sensitive samples with a high degree of transparency.

### Advantages

- > Protects sample from energy-rich light
- > Innovative amber material offers good visibility of samples



# 02

# Eppendorf Research® Plus Volume Variants

## Fill the gap for a wider range of applications

The new mechanical 1,200 µL 8 and 12-channel pipettes are ideal for sample storage, cultivation of microorganisms, nucleic acid extraction or protein assays in DWPs. The new 2.5 mL single channel pipette fills the gap between 1 and 5 mL. Results become more precise as the size of air-cushion is reduced to a minimum.

### Advantages

- > Larger selection of volume variants for increased precision and accuracy
- > 1,200 µL 8 and 12-channel pipettes for transfer of higher volumes in DWPs
- > 2.5 mL single channel pipette for highest precision between volumes of 1 and 5 mL



# 04



# Eppendorf Xplorer®/ Xplorer Plus Volume Variants

## Looking for high-end electronic options?

The new electronic 20 µL, 200 µL, and 2.5 mL single-channel pipettes fill the gap between volumes of 10 and 100 µL as well as between 1.2 and 5 mL. Also here, results become more precise as the size of air-cushion is reduced to a minimum.

### Advantages

- > Larger selection of volume variants for increased precision and accuracy
- > Stock room for tips can be reduced as 200 µL tips can now be used for 100 as well as 200 µL pipettes
- > Each volume variant available as Xplorer and Xplorer plus version

# MoveIt® – Adjustable Tip Spacing Pipette

## Get ready to Move It

In addition to the known 16/24 channel pipettes Eppendorf now has another new pipette. You experience sample transfers between different vessel formats, such as tubes and plates frequently and strive for more efficient and safe solutions? The new MoveIt accelerates and simplifies synchronous pipetting of a series of samples.

## Advantages

- > Adjustable tip spacing for accelerated pipetting of multiple samples between tubes, plates and agarose gels
- > Spacing control for quick switches backwards and forwards between source and destination formats
- > Manual adjustment knob for smooth vibration-free format switches and liquid transfers without dripping



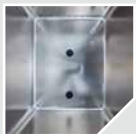
# 06

## CellXpert® C170i CO<sub>2</sub> Incubators

Are you looking for a 170 L class CO<sub>2</sub> incubator that makes cleaning easy and delivers optimized growth conditions, even for your sensitive cells? A CO<sub>2</sub> incubator that saves money, provides flexibility of your lab, and is produced to the highest standards of quality?

## Advantages

- > Easy cleaning, reliable contamination prevention: no fan, seamless chamber and 180 °C sterilization with protocol
- > Uniform atmosphere and vibration protection: temperature verified at 27 spots inside (German DIN 12880) and fanless design
- > Save up to 8300 €/9000 \$ over five years: no internal expendable parts, up to 25% more usable space, significantly reduced CO<sub>2</sub> and N<sub>2</sub> consumption
- > Stay flexible for the future: various field-upgradeable options



Click here!

07

## Mastercycler® X50

The Mastercycler X50 is the optimal instrument to save time with higher PCR throughput, using standard formats whenever speed or lab efficiency are of interest. Up to 10 units can be combined – ideal for high throughput applications or labs with a high number of users running different assays. The VisioNize® touch interface enables versatile functions in your Mastercycler X50 and offers intuitive and quick programming from the beginning.

### Advantages

- > Heating rate: up to 10 °C/s
- > Wide selection of blocks from a fast silver block to 384 well block
- > VisioNize touch interface
- > Innovative 2D-Gradient for advanced PCR optimization



## Centrifuge 5910 Ri

The large 7-inch VisioNize® touch interface of Centrifuge 5910 Ri provides fast and error-free operation, ensuring efficient and reproducible runs. The documentation function and user management support your quality control with multiple authorization levels, password protection, and documentation of all runs and user activities.

### Advantages

- > Spins up to 4 x 1 liter in a very compact footprint
- > Swing-bucket rotors and adapters accommodate for tubes and bottles from 0.2 mL to 1,000 mL, all types of plates
- > Fixed-angle rotors for high-speed molecular biology applications in tubes from 0.2 mL to 250 mL
- > High centrifugation speed of up to 22,132 x g (14,000 rpm)
- > Aerosol-tight Eppendorf QuickLock® caps and lids allow for fast and ergonomic lid locking
- > Quiet operation to improve your work environment

08



Click here!

# Centrifuge 5425 R

The new 24-place Eppendorf Centrifuge 5425 R features an outstanding cooling system, 6 different rotors, a max. speed of 21,300 × g and an ergonomic operation, making it the new favorite choice on the lab bench for the separation of temperature-sensitive samples from 0.2 - 5 mL.

## Advantages

- > Excellent cooling system for the separation of temperature-sensitive samples from 0.2 - 5 mL
- > Pre-cooling from RT to 4°C in only 8 mins
- > OptiBowl® design for quiet operation, even without rotor lid



# 10



## SafeCode – Identify your Sample

### Safe sample identification needed?

The SafeCode system for Eppendorf CryoStorage Vials is based on 3-level coding to enable safe sample identification. Up to 96 pre-labeled vials are pre-racked and pre-capped for convenient usage.

### Advantages

- > Pre-labeled barcoded vessels with up to a 3-level-coding in different formats enable you to improve your processes
- > Vial volumes from 0.5 mL–4.0 mL in different purity levels provide a broad range of storage applications
- > Off-the-shelf for direct availability
- > Scan multiple samples with the RackScan
- > Manage your barcoded samples with sample management software eLABJournal®
- > Receive further documentation about the vial from the Eppendorf DataPort: automatically downloaded by eLABJournal or via manual download

# ULT freezers of the CryoCube® F740 series

Safe storage solutions for your high-value samples needed? Eppendorf CryoCube ULT Freezers are known for their energy efficiency, reliability, and worry-free, long-term sample preservation. The polyurethane foam insulation (enforced by vacuum insulation panels) combined with a highly efficient cooling system provides a safe storage for your samples.

## Advantages

- > 740 L volume class for up to 576 boxes for high-capacity storage
- > Quick pull-down (250 min) and short recovery times for sample safety
- > Green cooling, green foam and low energy consumption for a small CO<sub>2</sub> footprint
- > VisioNize touch interface for convenient interaction and data transfer
- > Free-of-charge remote monitoring and notification with the VisioNize® Digital Lab Space



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# 12



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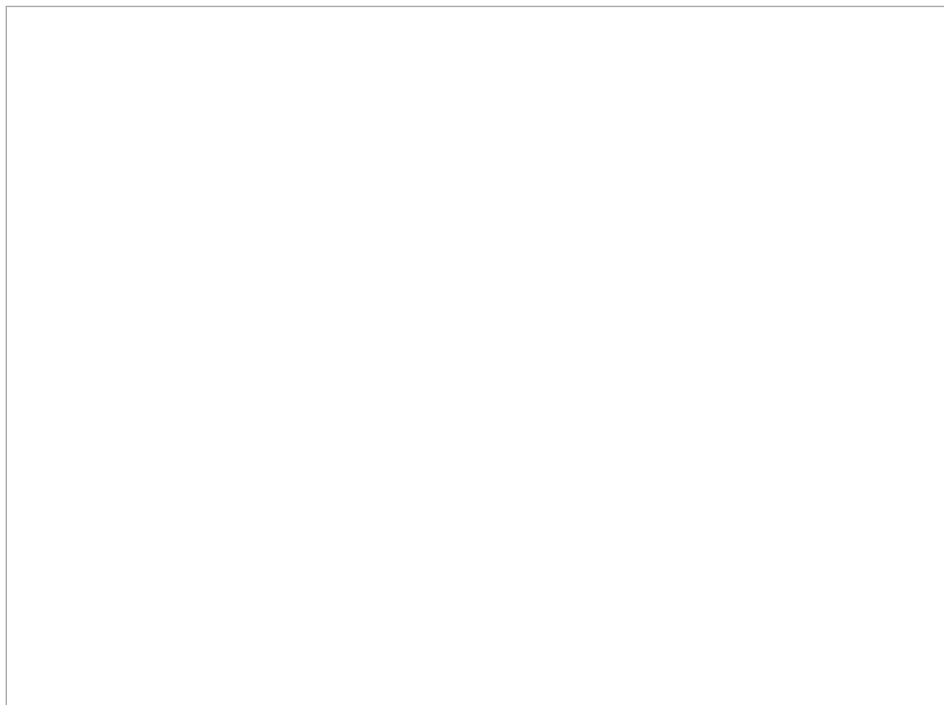
# Innova® S44i Stackable Incubator Shaker

Are you looking for a stackable incubator shaker, e.g. for particularly high protein expression yields to quickly reach your targets? Are unexpected downtime and late results not an option for you? And do you have more important things to do than organize repair over the weekend? Discover the stackable (2x/3x) Incubator Shaker Innova S44i.

## Advantages

- > Increased yield with higher flask capacity: e.g. up to 23× 1 L Erlenmeyer or 15× 2,5 L UltraYield™ flasks
- > Ready for high yield protocols: all devices in stack can run at max. 400 rpm (25 mm orbit) / 300 rpm (50 mm orbit)
- > Reliable performance 24/7: patented Eppendorf X-Drive with semi-automatic counterbalance technology
- > Solid documentation, customizable alarms and ramping programs: with the VisioNize® touch interface

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