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## Expand Your Knowledge

The new online platform Eppendorf Handling Solutions is a comprehensive source of expert knowledge which helps you master the daily challenges of laboratory life.

Discover our Sample Handling solutions on this website and learn more about centrifugation as well as user and sample safety!

[www.eppendorf.com/centrifugationexperts](http://www.eppendorf.com/centrifugationexperts)

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advantage New Promotion Sept. 1–Dec. 31, 2017



## Like It, Order It, Love It!

New special offers for centrifuges  
and freezers. Cool savings guaranteed!



Centrifuge 5810 R: renowned quality and reliability in a compact footprint! Get it and love it!



Eppendorf ULT freezers: wide choice of options for high performance, sample safety, and convenience

## You'll Simply Love It!

Do you plan to replace an old instrument? Or do you have funds for additional equipment? So you are busy studying product literature and researching the web. You have discussed with sales reps, colleagues and, of course, your purchaser. You may even consider visiting a tradeshow for a live experience.

We can't promise when it will happen, but eventually, you'll fall in love with an Eppendorf instrument! And whatever Eppendorf product you like, there is nothing easier than adding your new favorite to your shopping cart and placing your order in our online shop\*, or by getting in touch with us personally for competent expert advice.

\*Online shops are not yet available in all countries.

## Cool Savings Guaranteed!

Take advantage now of cool savings for refrigerated centrifuges and ULT freezers!\*\*

- > Centrifuge 5810 R Cell Culture/Plate Package with 15 % savings: p. 4–5
- > Centrifuge 5430 R Tube Volume Variety Package with 15 % savings: p. 6–7
- > Special offers on ULT freezer models Premium U410, HEF® U410, Innova® U725, and Innova U725-G: p. 8–9

**Tip:** If you need more advice, just talk with our experts who have a deep understanding of your daily needs and challenges in the lab!

\*\*Offers may vary by country.

## NEW! Centrifuge 5810 R Cell Culture/Plate Package



The new Cell Culture/Plate Centrifuge Package allows mixed loading of plates and conical tubes – for increased versatility!

### Centrifuge 5810 R (refrigerated)

- > Centrifuge lid with soft-touch lid closure
- > Low access height of 29 cm for easy loading and unloading of samples
- > Quiet operation to improve your work environment
- > Temperature range: -9 °C to +40 °C
- > FastTemp function for fast pre-cooling
- > ECO shut-off engages after 8 hours of non-use to reduce energy consumption
- > Dynamic compressor control (DCC) technology for precise cooling performance

## Centrifuge 5810 R in a New Package: Save 15 %!

Centrifuge 5810 R with its renowned quality and reliability offers you a very cost-efficient solution for your medium to high-throughput applications. It combines outstanding versatility and capacity for both tubes and plates with an extraordinary compact footprint. Centrifuge 5810 R is the most compact refrigerated 3 liter centrifuge currently available.

The 5810 R Cell Culture/Plate Centrifuge Package offers a capacity of max. 28 x 50 mL/56 x 15 mL and 2 plate buckets for each 1 deepwell plate/4 microplates.

### NEW! Cell Culture/Plate Centrifuge Package

- > Centrifuge 5810 R, refrigerated
- > Rotor S-4-104, incl. round buckets
- > 2 sets of 2 adapters for 15 mL conical tubes (max. 3,197 x g)
- > 2 sets of 2 adapters for 50 mL conical tubes (max. 3,180 x g)
- > 2 plate buckets (max. 2,568 x g)
- > 500 Eppendorf Conical Tubes 15 mL
- > 500 Eppendorf Conical Tubes 50 mL

*More info on Eppendorf Conical Tubes on pages 10–11!*

**From September 1 until December 31, 2017, the new Cell Culture/Plate Centrifuge Package including Centrifuge 5810 R is available with 15 % savings!**

Description	Order no.	Your savings
Cell Culture/Plate Centrifuge Package	5811 000.908	15 %

Order number for 230 V, 50–60 Hz. Please contact Eppendorf for other voltage versions.

## NEW! Centrifuge 5430 R Tube Volume Variety Package



The refrigerated Centrifuge 5430 R is now available in a new tube volume variety package. Choice of rotary knobs or keypad.

### Centrifuge 5430 R (refrigerated)

- > Menu-driven, multi lingual operation with large backlit display
- > 5 program keys for easy access to routine programs
- > Eppendorf QuickLock® system for quickly opening and closing the rotor lid
- > Temperature range: -11 °C to +40 °C
- > Continuous cooling maintains a constant temperature after the run has been completed – your samples stay cool
- > FastTemp pro® function for programmable pre-cooling according to day and time

## Centrifuge 5430 R in a New Package: Save 15 %!

The unique refrigerated cross-over Centrifuge 5430 R combines the best features of a microcentrifuge (small footprint) and multipurpose centrifuge (versatility) in one instrument. In a compact size, it can accommodate rotors for a variety of tubes as well as for microplates, spin columns, and 15 mL and 50 mL conical tubes.

The new Centrifuge 5430 R Tube Volume Variety Package includes:

- > Centrifuge 5430 R, refrigerated
- > Rotor FA-45-30-11, aerosol-tight, with Eppendorf QuickLock rotor lid; for 30 x 1.5/2.0 mL tubes (max. 20,817 x g)
- > Rotor F-35-6-30, with rotor lid, incl. adapters for 6 x 15 mL conical tubes (max. 7,540 x g) and 6 x 50 mL conical tubes (max. 7,581 x g)
- > 500 Eppendorf Conical Tubes 15 mL
- > 500 Eppendorf Conical Tubes 50 mL

*More info on Eppendorf Conical Tubes on pages 10–11!*

**From September 1 until December 31, 2017, the new Centrifuge 5430 R Tube Volume Variety Package is available with 15 % savings!**

Description	Order no.	Your savings
<b>Centrifuge 5430 R Tube Volume Variety Package</b>		<b>15 %</b>
Rotary knob version	5428 000.309	
Keypad version	5428 000.953	

Order numbers for 230 V, 50–60 Hz. Please contact Eppendorf for other voltage versions.

## Special Offers for Eppendorf ULT Freezers



Your new Eppendorf ULT freezer brings high performance, sample safety, and convenience to your lab. You'll simply love it!

### Eppendorf ULT freezers with 410 L capacity

#### **Premium U410**

- > 410 L capacity
- > Holds up to 24,000 samples
- > Limited floor space needed: 80 x 85.2 cm

#### **HEF® U410 High-Efficiency ULT Freezer**

- > 410 L capacity
- > Holds up to 24,000 samples
- > Limited floor space needed: 80 x 85.2 cm
- > Low energy consumption of 8.4 kWh/day by hydrocarbon-based refrigerants for low running costs
- > Foam-insulation enhanced by Vacuum Insulation Panels for safe sample storage

# Eppendorf ULT Freezers: Cool Savings Guaranteed!

Reliability, sustainability, economics, safety – these are the corner stones for selecting the next ULT freezer. And this is exactly what you get from an Eppendorf ULT freezer.

The good news: Special ULT freezer offers with cool savings are now available for a limited period of time.

**Take advantage now of special offers for Eppendorf ULT freezer models Premium U410, HEF® U410, Innova® U725, and Innova U725-G!\***

To learn more, please contact your local Eppendorf office. Benefit from competent advice from our experts who have a deep understanding of your daily needs and challenges in the lab!

### Eppendorf ULT freezers with 725 L capacity

#### **Innova® U725**

- > 725 L capacity
- > Holds up to 50,400 samples
- > Floor space needed: 102.5 x 86.7 cm

#### **Innova® U725-G**

- > 725 L capacity
- > Holds up to 50,400 samples
- > Floor space needed: 102.5 x 86.7 cm
- > Low energy consumption of 12.2 kWh/day by hydrocarbon-based refrigerants for low running costs
- > Also available as water-cooled version

\*Offers may vary by country.

## Do your conical tubes offer secure protection from sample loss?

Conical tubes 15 mL and 50 mL are used in many laboratory protocols, making them two of the most widely used tube formats in life science laboratories. Given their broad range of applications, the security of the seal is paramount. The specially developed screw cap of the Eppendorf Conical Tubes establishes new standards with respect to handling and sample safety.

### Cap tightness

The typical areas of application for conical tubes include centrifugation, mixing, incubation, transport, and storage of the most diverse samples and solutions. A reliable seal is therefore a basic condition for safe and accurate work.

For these reasons, strong emphasis was placed on this aspect during the development of the screw cap for the Eppendorf Conical Tubes. The exceptional tightness of the seal could be demonstrated through comparative experiments such as storage of ethanol, a volatile liquid (Fig. 1).

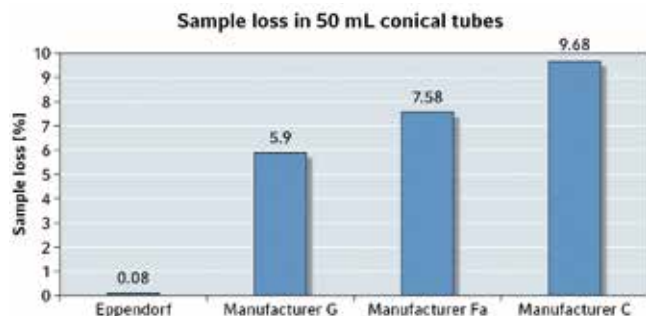


Fig. 1: Sample loss after 24 h of horizontal storage in different conical tubes 50 mL at -86 °C. N = 50 Eppendorf Conical Tubes 50 mL and 22 tubes of manufacturers G, Fa, C.

Additional information: [www.eppendorf.com/appnote343](http://www.eppendorf.com/appnote343)



### Tube handling and prevention of contamination

The grooved, multi-surface side contour ensures a non-slip grip while simultaneously allowing secure single-handed opening and closing of the Eppendorf Conical Tubes. Experienced users in particular will handle conical tubes in this fashion for swift and efficient work.

Additional user advantages result from the flat, smooth, and light-colored surface of the screw caps. Whereas other lids, due to dark coloring schemes and uneven or sometimes concave surfaces, do not offer user-friendly labeling opportunities, the smooth, light gray lids of the Eppendorf Conical Tubes allow legible, high-contrast labeling.

Thanks to their flattened sides, the lids may be placed safely upright on the laboratory bench during sample processing. This minimizes the risk of contamination of the inside surface of the lid as well as the danger of confusing lids during simultaneous handling of multiple samples.



For additional information and the opportunity to order free samples, please visit [www.eppendorf.com/conicals](http://www.eppendorf.com/conicals).