CAPP®

CATALOGUE

2025/26

Empowering your lab with
precision and innovation

At CAPP, we know that modern laboratories demand not just reliable tools, but cutting-edge solutions that ensure accuracy and efficiency in every experiment.

From pipetting solutions to a full range of benchtop equipment, our products are designed to meet the rigorous standards of scientific research, enabling you to focus on what truly matters: advancing your research and achieving reproducible results.

Our catalogue offers a broad selection of high-performance instruments for various laboratory applications, including molecular biology, microbiology, and cell culture. Each product is engineered for ease of use and optimised for seamLess integration into your workflow. Whether it's minimising evaporation in PCR, ensuring consistent cell growth, or improving liquid handling accuracy, CAPP is committed to supporting your success in the lab.

Alongside our precision-engineered products, we offer extensive resources and expert guidance. You'll find practical tips and usage recommendations throughout this catalogue, helping you get the most out of every instrument. For more in-depth information, our online knowledge base provides additional resources and technical notes to enhance your laboratory's performance.

Discover how CAPP can elevate your laboratory's precision and productivity with innovative, high-quality solutions. Explore our catalogue and see the difference CAPP can make in your scientific journey.

We are proud to be your partner in excellence.

Your CAPP Team

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LIQUID HANDLING

LABORATORY CONSUMABLES

BENCHTOP EQUIPMENT

Certification

We use state-of-the-art energy-efficient technology to manufacture eco-friendly products with minimal environmental impact. Sustainability drives every step, from sourcing green materials to durable designs and recyclable packaging.

As a Green Dot-certified company, we're part of a Europe-wide recycling initiative, making it easy for our German customers to recycle through the national system.

EVN
Der Energiedienstleister

Green electricity certificate

for the supply of 100% green electricity from hydropower plants for AHN Biotechnologie GmbH in calendar year 2024 (1.0 million kWh/year).

AHN_
Biotechnologie
GmbH

There are no CO_2 emissions during electricity production.

Proof of the allocation of the green electricity quantities is provided by Energieversorgung Nordhausen GmbH after delivery in the Guarantee of Origin Register of the Federal Environment Agency in Dessau/Roßlau.

Nordhausen   Energieversorgung Nordhausen GmbH

This devaluation of guarantees of origin complies with the legal requirements for electricity labelling in accordance with § 42 of the Energy Industry Act. Accordingly, an electricity supplier must use guarantees of origin for directly marketed "other renewable energies" that have not been financed by the EEG surcharge and validate them at the Federal Environment Agency. The Register of Guarantees of Origin at the Federal Environment Agency implements the requirements of EU Directive 2009/28/EC in Germany. Article 15 of that directive requires Member States to establish an electronic register of electricity from renewable energy sources. The Renewable Energy Sources Act entrusts this task to the Federal Environment Agency (§ 79 EEG 2017). The Guarantees of origin are validated for AHN Biotechnologie GmbH by Energieversorgung Nordhausen GmbH.

Confirmation

Ahn Biotechnologie GmbH
Uthleber Weg14
D-99734 Nordhausen

Customer no. | Reg.no.:DE4909522176878

We herewith confirm the participation of your packaging according to § 7 para. 1 VerpackG in our system for the year 2024.

The presentation of this certificate to your customers and business partners ensures transparency about the proper participation of your packaging within the framework of the Packaging Act.

Das Original

13.03.2024   Jörg Deppmeyer   Dr. Markus Helftewes
date   Managing Director   Managing Director

DerGrünePunkt

CERTIFICATE

TÜV SÜD Industrie Service

TÜV SÜD Industrie Service GmbH TÜV SÜD hereby confirms that the cleanroom system

Room-No.	Room name	Air cleanliness class according to DIN EN ISO 14644-1/ *in operation*
P 1.02	Produktion	9
P 1.03	Fertigung	7

of the company

AHN Biotechnologie GmbH
Uthleber Weg 14
D-99734 Nordhausen
Germany

meets the requirements for airborne particles according to the cleanliness classes according to DIN EN ISO 14644-1. The basis for issuing the certificate is the metrological acceptance of the room areas according to the international standard DIN EN ISO 14644-1. The measurements were carried out operationally on August 14, 2024, by TÜV SÜD Industrie Service GmbH.

Report-No.:   3981804-00
Certificate-No.:   3981804-00
Date of Expiry: August 2025

Dipl.-Biol. Katrin Hartmann
Berlin, 20.08.2024
TÜV SÜD Industrie Service GmbH
Wittestraße 30, Haus L, 13509 Berlin

CERTIFICATE

TIC

for the management system according to ISO 9001:2015

The proof of the conforming application with the regulation was furnished and in accordance with certification procedure it is certified for the company

AHN_
Biotechnologie
GmbH

AHN Biotechnologie GmbH
Uthleber Weg 14, 99734 Nordhausen / Germany

Scope

Development, manufacturing and sale of laboratory products, especially for molecular biology

Certificate Registration No.:   TIC 15 100 85535   Valid until: 2025-05-07
                                                        Valid from: 2023-05-08
Audit Report No.   3330 24AH P3

This certification was conducted in accordance with this TIC auditing and certification procedures and is subject to regular surveillance audits.

TÜV Thüringen e.V.   Area: 2023-04-06
Certification body for
systems and personnel

TÜV THÜRINGEN

Sustainability

We model our commitment to sustainable production through our environmentally-friendly manufacturing practices and products.

We have a wide range of sustainable laboratory consumables expertly crafted to help you reach your sustainability goals while practicing excellent science.

100%
electrical injection moulding

= 40% less electricity consumption compared to hydraulic machines

100%
recycled plastic

in production of CAPP rack boxes

100%
reusable racks

suitable for multiple autoclaving cycles

65%
space saved

when using a reload system - reducing packaging and transport

59%
plastic saved

when using a reload system

Zero
additional plastic ingredients

packs, inserts and reloads are made entirely from recyclable polypropylene

Unlimited
upcycling options

for reusing tip racks as storage solutions

ecopipette™ by CAPP
100-1000 µl

Our Ecotrade Programme
– the green economy

We fully realise that, by the very nature of some of our products, some can only be used for a short time, and sometimes just once.

Our answer to this is to recycle as much as we possibly can and encourage our customers to do the same.

Customers can partner with AHN by incorporating sustainable laboratory practices through the ecotrade programme.

By partnering with a local distributor you can submit your old pipettes (of any brand, not just ours). Our distribution partner will then ship the old pipettes to our manufacturing facility where we will carefully disassemble each pipette into its individual component, following Green Dot guidelines.

ecotrade
PROGRAMME

Did you know?
Old pipettes can be responsibly recycled through AHN Biotechnologie GmbH

Recycle

Return

Sorting

01
PIPETTE RETURN
Send your old pipettes, regardless of brand and condition, to your local distributor who will forward them to AHN Biotechnologie GmbH in Nordhausen, Germany

03
ENVIRONMENTALLY-FRIENDLY RECYCLING
As part of the Green Dot scheme (Der Grüne Punkt), AHN Biotechnologie GmbH will ensure the environmentally-friendly recycling of all components

02
DISASSEMBLY AND SORTING
Our dedicated team will disassemble all the components and sort them into plastic, rubber, metal, etc., in accordance with the German national recycling programme

For further information visit www.capp.dk/blog/sustainable-lab-consumables

ecopipette

SINGLE CHANNEL PIPETTES

Each ecopipette is carefully manufactured to high standards to extend its useful life and minimise the environmental impact of frequent disposal of laboratory pipettes. Featuring an interchangeable counter mechanism, which is unique to the Ecopipette, users can quickly switch between different volume capacities without having to change their pipette. This helps to protect the environment as fewer pipettes are needed.

Features

- Robust design includes metal tip base
- Interchangeable fixed and variable counter-mechanism
- Double O-rings for optimal tip seal and universal compatibility with broad range of tips
- Fully autoclavable pipette body, except volume knob
- Easy volume control through volume controller that requires 50% fewer turns
- Lockable volume controller
- Display is fully visible during hand-held operations
- Reduced need for force during aspiration and dispensing
- Large ejection pad for easy tip ejection
- Colour-coded pipette counter for quick selection of correct volume for liquid transfer

Double O-ring

Metal components

Interchangeable volume knobs

3 YEAR Warranty

Fully Autoclavable

DoubleSafe O-rings

Interchangeable knobs

Ordering Information

ecopipette Single Channel Pipettes - Variable Volume

Cat. No.	Channel	Volume	Increments	Inaccuracy %	Imprecision %	Colour
C02-1S	1	0.2-2 µL	0.02 µL	12.00 / 2.00	6.00 / 1.00	🟣
C02-1	1	0.2-2 µL (length as C10-1)	0.02 µL	12.00 / 2.00	6.00 / 1.00	🟣
C10-1	1	0.5-10 µL	0.1 µL	2.50 / 1.00	1.80/ 0.50	⚪
C20-1	1	2-20 µL	0.2 µL	5.00 / 1.00	1.50 / 0.30	⚫
C50-1	1	5-50 µL	0.5 µL	2.00 / 1.00	1.20 / 0.30	🔴
C100-1	1	10-100 µL	1.0 µL	2.50 / 0.70	1.00 / 0.20	🟠
C200-1	1	20-200 µL	2.0 µL	2.50 / 0.60	0.70 / 0.20	🟡
C1000-1M	1	100-1000 µL, w/ 2 µL increment	2.0 µL	2.00/ 0.80	0.60 / 0.20	🔵
C5000-1M	1	0.5-5 mL w/ 10 µL increment	10.0 µL	1.20 / 0.60	0.30 / 0.15	🟢
C10000-1	1	1-10 mL	20.0 µL	3.00 / 0.60	0.60 / 0.15	🟢

ecopipette Starter Kits

Cat. No.	Description
SK-03-E01	CAPP ecopipette Starter Kit: C10-1 / C100-1 / C1000-1 pipettes, C-05 stand and 3 racks of tips
SK-03-E02	CAPP ecopipette Starter Kit: C20-1 / C200-1 / C1000-1 pipettes, C-05 stand and 3 racks of tips

Interchangeable knobs
Ordering information can be found on pages 16-17

CAPP Solo

SINGLE | MULTICHANNEL PIPETTES

CAPPSolo Pipettes are cost effective and robust liquid-handling tools, designed for research, clinical and academic laboratories. They are available as single and multichannel pipettes.

Features

- Very light pipette chassis reduces risk of repetitive strain injuries
- Fine-tuned to ensure high level of pipetting accuracy, precision and long-term calibration stability
- Lock counter-mechanism prevents accidental rotation while pipetting
- Exchangeable colour inserts for easy identification of pipettes by user or volume capacities
- Crafted to withstand the toughest laboratory conditions, including chemical exposure, dropping and autoclaving

Removable colour-coded inserts

Metal construction

2 YEAR Warranty **Fully Autoclavable** **UV Resistant**

Ordering Information

CAPPSolo Single Channel Pipette - Variable Volume

Cat. No.	Channel	Volume	Increments	Inaccuracy %	Imprecision %
S2-1	1	0.1-2.5 µL	0.01 µL	12.0 % / 2.5 %	6.00 % / 1.60 %
S10-1	1	0.5-10 µL	0.1 µL	2.5 % / 1.0 %	1.50 % / 0.80 %
S20-1	1	2-20 µL	0.1 µL	3.0 % / 0.9 %	2.00 % / 0.40 %
S50-1	1	5-50 µL	0.5 µL	2.0 % / 0.6 %	2.00 % / 0.30 %
S100-1	1	10-100 µL	0.5 µL	3.0 % / 0.8 %	1.50 % / 0.15 %
S200-1	1	20-200 µL	1.0 µL	2.0 % / 0.6 %	0.80 % / 0.15 %
S1000-1	1	100-1000 µL	5.0 µL	2.0 % / 0.6 %	0.70 % / 0.20 %
S5000-1	1	0.5-5 mL	50. µL	2.0 % / 0.5 %	0.60 % / 0.15 %
S10000-1	1	2-10 mL	100.0 µL	3.0 % / 0.6 %	0.60 % / 0.20 %

CAPPSolo Single Channel Pipette - Fixed Volume

Cat. No.	Channel	Volume	Increments	Inaccuracy %	Imprecision %
S5-1F	1	5 µL	-	1.3 %	1.20 %
S10-1F	1	10 µL	-	0.8 %	0.8 %
S20-1F	1	20 µL	-	0.6 %	0.50 %
S25-1F	1	25 µL	-	0.5 %	0.30 %
S50-1F	1	50 µL	-	0.5 %	0.30 %
S100-1F	1	100 µL	-	0.5 %	0.30 %
S200-1F	1	200 µL	-	0.4 %	0.20 %
S250-1F	1	250 µL	-	0.4 %	0.20 %
S500-1F	1	500 µL	-	0.3 %	0.20 %
S1000-1F	1	1000 µL	-	0.3 %	0.20 %
S2000-1F	1	2 mL	-	0.3 %	0.15 %
S2500-1F	1	2.5 mL	-	0.3 %	0.15 %
S5000-1F	1	5 mL	-	0.3 %	0.15 %
S10000-1F	1	10 mL	-	0.6 %	0.20 %

CAPPSolo Multichannel Pipettes

Cat. No.	Channel	Volume	Increments	Inaccuracy %	Imprecision %
S10-8	8	0.5 – 10 µL	0.1 µL	4.0 %/1.5 %	4.00 %/1.50 %
S100-8	8	10 – 100 µL	0.5 µL	3.0 %/1.0 %	2.00 %/0.70 %
S300-8	8	30 – 300 µL	1.0 µL	1.5 %/0.8 %	0.75 %/0.25 %
S10-12	12	0.5 – 10 µL	0.1 µL	4.0 %/1.5 %	4.00 %/1.50 %
S100-12	12	10 – 100 µL	0.5 µL	3.0 %/1.0 %	2.00 %/0.70 %
S300-12	12	30 – 300 µL	1.0 µL	1.5 %/0.8 %	0.75 %/0.25 %

CAPPSolo Starter Kit

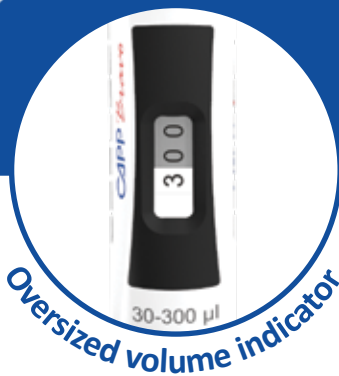| Cat. No.	Description
SK-03-S01	3 pipettes S10-1 /S100-1 /S1000-1, C-05 stand, 3 racks of tips
SK-03-S02	3 pipettes S20-1 /S200-1 /S1000-1, C-05 stand, 3 racks of tips

CAPP *Bravo*

SINGLE | MULTICHANNEL PIPETTES

CAPP Bravo pipettes combine lightweight ergonomic design, and the utmost accuracy and precision in an affordable package

Features

• Ultra lightweight construction

• Metallic piston results in accurate liquid dispensing, delivering consistent, reliable results across all channels

• Built-in oversized volume indicator simplifies volume monitoring and makes precise adjustment particularly easy

• Durable construction ensures chemical resistance, thermal stability and resilience from accidental bumps or damage

• Long-term calibration retention, even after sterilising in an autoclave

• Metal shaft with double O-rings for all multichannel volumes and 0.1-2 μL, 0.5-10 μL, 2-20 μL single channel volumes

• Coloured caps and identification stickers enable the easy visual identification of pipettes or volume capacities

Oversized volume indicator

Volume lock

Colour-coded caps

2 YEAR Warranty

Fully Autoclavable

Ordering Information

CAPPBravo Single Channel Pipettes - Variable Volume

Cat. No.	Channels	Description	Increments	Inaccuracy %	Imprecision %	Colour
B02-1	1	0.1-2 µL	0.01µl	12.00 / 2.00	6.00 / 1.00	🟣
B10-1	1	0.5-10 µL	0.02µl	2.50 / 1.00	1.80 / 0.50	⚪
B20-1	1	2-20 µL	0.02µl	5.00 / 1.00	1.50 / 0.30	⚫
B50-1	1	5-50 µL	0.1µl	2.00 / 1.00	1.20 / 0.30	🔴
B100-1	1	10-100 µL	0.1µl	2.50 / 0.70	1.00 / 0.20	🟠
B200-1	1	20-200 µL	0.2µl	2.50 / 0.60	0.70 / 0.20	🟡
B1000-1	1	100-1000 µL	1.0µl	2.00 / 0.80	0.60 / 0.20	🔵
B5000-1	1	1-5 mL	10.0µl	1.20 / 0.60	0.30 / 0.15	🟢
B10000-1	1	1-10 mL	20.0µl	3.00 / 0.60	0.60 / 0.15	🟢

CAPPBravo Single Channel Pipettes - Fixed Volume

Cat. No.	Channels	Description	Increments	Inaccuracy %	Imprecision %	Colour
B01-1F	1	1 µL	-	2.50	1.80	🟣
B02-1F	1	2 µL	-	2.00	1.00	🟣
B05-1F	1	5 µL	-	1.20	0.80	⚪
B10-1F	1	10 µL	-	1.00	0.50	⚪
B20-1F	1	20 µL	-	1.00	0.30	⚫
B50-1F	1	50 µL	-	1.00	0.30	🔴
B100-1F	1	100 µL	-	0.70	0.20	🟠
B200-1F	1	200 µL	-	0.60	0.20	🟡
B500-1F	1	500 µL	-	0.80	0.15	🔵
B1000-1F	1	1000 µL	-	0.80	0.20	🔵
B5000-1F	1	5 mL	-	0.60	0.15	🟢
B10000-1F	1	10 mL	-	0.60	0.15	🟢

CAPPBravo Multichannel Pipettes

Cat. No.	Channels	Description	Increments	Inaccuracy %	Imprecision %	Colour
B10-8	8	0.5-10 µL	0.02 µl	5.00 /2.00	3.60 /1.00	⚪
B100-8	8	10-100 µL	0.1 µl	2.50 /1.30	1.20 /0.50	🟠
B300-8	8	30-300 µL	0.2 µL	1.66 /1.40	0.60 /0.30	⚫
B10-12	12	0.5-10 µL	0.02 µl	5.00 /2.00	3.60 /1.00	🟠
B100-12	12	10-100 µL	0.1 µl	2.50 /1.30	1.20 /0.50	⚪
B300-12	12	30-300 µL	0.2 µL	1.66 /1.40	0.60 /0.30	⚫

CAPPBravo Starter Kits

Cat. No.	Description
SK-03-B01	Starter Kit including B10-1 / B100-1 / B1000-1 pipettes, C-05 stand, 3 racks of tips
SK-03-B02	Starter Kit including B20-1/B200-1/B1000-1 pipettes, C-05 stand, 3 racks of tips

The CAPPAero96 multichannel pipette combines the accuracy and precision of a single-channel pipette across all channels with ergonomic aspects that minimise thumb strain, a common cause of repetitive stress injuries during multichannel pipetting.

Features

• External ejection lever reduces thumb strain for easier tip mounting and ejection

• Double O-rings ensure tip placement on nose cone requires only light pressure

• Lightweight ergonomic construction

• Robust design through aluminium and metal tip cones

• Stainless steel pistons ensure stability and a constantly reliable, precise performance

• Colour-coded pipette counter for quick selection of the right volume for liquid transfer

• Interchangeable fixed and variable counter-mechanism

• Fully autoclavable pipette body, except volume knob

• Easy volume control through volume controller that requires 50% fewer turns

• Lockable volume controller

• Display is fully visible during hand-held operations

DoubleSafe O-rings   **Interchangeable knobs**   **Fully Autoclavable**   **3 YEAR Warranty**

Ordering Information

CAPPAero 96 Multichannel Pipettes - Variable Volume

Cat. No.	Channel	Volume	Increments	Inaccuracy %	Imprecision %	Colour
C10-8	8	0.5-10 µL	0.1 µl	5.00 /2.00	3.60 /1.00	○
C20-8	8	2-20 µL	0.2 µL	5.00 /2.00	3.60 /1.00	●
C50-8	8	5-50 µL	0.5 µL	3.20 /1.40	1.60 /0.60	●
C100-8	8	10-100 µL	1.0 µL	2.50 /1.30	1.20 /0.50	●
C200-8	8	20-200 µL	2.0 µL	1.80 /1.20	0.80 /0.40	●
C300-8	8	30-300 µL	2.0 µL	1.66 /1.40	0.60 /0.30	●
C10-12	12	0.5-10 µL	0.1 µl	5.00 /2.00	3.60 /1.00	○
C20-12	12	2-20 µL	0.2 µL	5.00 /2.00	3.60 /1.00	●
C50-12	12	5-50 µL	0.5 µL	3.20 /1.40	1.60 /0.60	●
C100-12	12	10-100 µL	1.0 µL	2.50 /1.30	1.20 /0.50	●
C200-12	12	20-200 µL	2.0 µL	1.80 /1.20	0.80 /0.40	●
C300-12	12	30-300 µL	2.0 µL	1.66 /1.40	0.60 /0.30	●

CAPP Aero 384

MULTICHANNEL PIPETTES

CAPPAero384 is the ideal multichannel pipette for 384-well plates, enabling fast, precise pipetting of 16, 48 or 64 wells simultaneously, as well as in one row with the 24- and 32-channel pipettes and no need for expensive automated equipment.

Features

• High-quality metal shaft and piston assembly designed for enhanced resistance to everyday laboratory conditions

• Metallic construction of the piston assembly results in accurate and precise performance across all channels

• Easy volume adjustment through controller that requires 50% fewer turns

• Colour-coded pipette counter for quick volume selection for liquid transfer

• Ergonomic tip ejection lever with minimal thumb effort required to offload tips

• Interchangeable fixed and variable counter-mechanism

• Fully autoclavable pipette body, except volume knob

• Display is fully visible during hand-held operations

• Lightweight ergonomic construction

• Lockable volume controller

3 YEAR Warranty

Interchangeable knobs

Fully Autoclavable

CAPPAero384 Tips
Ordering information can be found on page 24
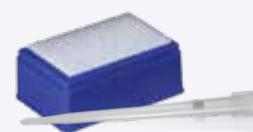
Ordering Information

CAPPAero 384 Multichannel Pipettes - Variable Volume

Cat. No.	Channel	Description	Increments	Inaccuracy %	Imprecision %	Colour
C02-16	16	0.2-2 µL		4.00	2.00	🟣
C10-16	16	0.5-10 µL		2.00	1.00	⚪
C50-16	16	5-50 µL		1.40	0.60	🔴
C10-24	24	0.5-10 µL		2.00	1.00	⚪
C50-24	24	5-50 µL		1.40	0.60	🔴
C10-32	32	0.5-10 µL		4.00	2.00	⚪
C10-48	48	0.5-10 µL		4.00	2.00	⚪
C10-64	64	0.5-10 µL		4.00	2.00	⚪

CAPP *Microbiology*

SINGLE CHANNEL PIPETTES

The CAPP Microbiology single channel pipette is designed for microbiology testing in the food industry, the environment and in public institutes. It is supplied with three fixed volume knobs and a modified tip cone geometry suitable for use with straw tips, enabling it to handle viscous liquids and 1:10 dilutions effortlessly and precisely.

Features

- Extended reach for convenient pipetting of difficult-to-reach samples
- Rotation-free volume selection ensures quick and easy adjustments without the risk of missetting the volume
- Pre-set calibrated volume controllers (100 µL/900µL/1000 µL) for consistent, accurate measurements
- Fully autoclavable for easy sterilisation and reuse in sterile environments
- Robust metallic construction to assure a longer durability

3 YEAR Warranty **Interchangeable knobs** **Fully Autoclavable**

Ordering Information

CAPPMicrobiology Single Channel Pipettes *(for use with sterile straws)*

Cat. No.	Channel	Volume	Increments	Inaccuracy %	Imprecision %
C1000-1BS	1	100/900/1000 µL	-	1.50 / 0.80	1.50 / 0.40

CAPPMicrobiology Straw Tips

Cat. No.	Description	Volume	Length	Sales Unit
4170807	Straw tip, sterile	1.1 mL	190 mm	40x25 pcs.

CAPP offers a comprehensive selection of practical accessories to complement and enhance the functionality of its full line of pipettes.

Volume knobs

- **Pre-calibrated interchangeable**, variable and fixed volume knobs

- Allow users to **use one pipette with many fixed volume knobs** to substantially reduce cost. Now, instead of four fixed volume pipettes, for example, user can buy one CAPP pipette and four inexpensive knobs to achieve the same precise results.

Pipette Stands

- Delivers optimal storage solutions for laboratories
- Options hold between **3 and 6 mechanical pipettes**

Pipette Filters

- An economical solution to eliminate "splash effects" and will substantially reduce risk of sample and shaft contamination
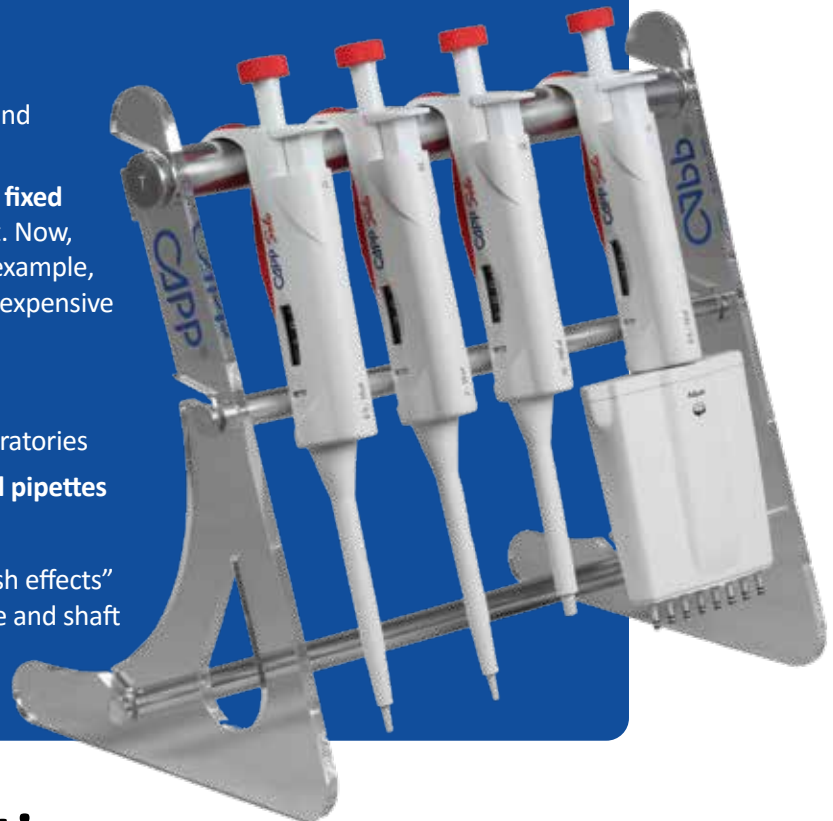
Ordering Information

Fixed Volume Knobs - for CAPP ecopipette, CAPP Aero 96 and CAPP Aero 384

Cat. No.	Volume	Use with pipette volumes	Colour
02-FE-1	1 µL	0.2-2 µL	●
02-FE-2	2 µL	0.2-2 µL	●
10-FE-5	5 µL	0.5-10 µL	○
10-FE-10	10 µL	0.5-10 µL	○
20-FE-10	10 µL	2-20 µL	●
20-FE-20	20 µL	2-20 µL	●
50-FE-20	20 µL	5-50 µL	●
50-FE-25	25 µL	5-50 µL	●
50-FE-50	50 µL	5-50 µL	●
100-FE-30	30 µL	10-100 µL	●
100-FE-50	50 µL	10-100 µL	●
100-FE-100	100 µL	10-100 µL	●

Fixed Volume Knobs - for CAPP ecopipette, CAPP Aero 96 and CAPP Aero 384

Cat. No.	Volume	Use with pipette volumes	Colour
200-FE-100	100 µL	20-200 µL	🟡
200-FE-200	200 µL	20-200 µL	🟡
300-FE-300	300 µL	30-300 µL	⚫
1000-FE-500	500 µL	100-1000 µL	🔵
1000-FE-1000	1000 µL	100-1000 µL	🔵
5000-FE-1000	5000 µL	1-5 mL	🟢
5000-FE-5000	5000 µL	1-5 mL	🟢
XXX-FE-YYY	Other fixed volume controllers, ecopipette		

Variable Volume Knobs - for CAPP ecopipette, CAPP Aero 96 and CAPP Aero 384

Cat. No.	Volume	Use with pipette volumes	Increment	Colour
2-VZ	0.2-2 µL	0.2-2 µL	0.02 µL	🟣
10-VZ	0.5-10 µL	0.5-10 µL	0.1 µL	⚪
20-VZ	2-20 µL	2-20 µL	0.2 µL	⚫
50-VZ	5-50 µL	5-50 µL	0.5 µL	🔴
100-VZ	10-100 µL	10-100 µL	1.0 µL	🟠
200-VZ	20-200 µL	20-200 µL	2.0 µL	🟡
300-VZ / 1	30-200 µL	30-300 µL	2.0 µL	⚫
300-VZ	125-300 µL	30-300 µL	2.0 µL	⚫
1000-VZ-M	100-1000 µL	100-1000 µL	2.0 µL	🔵
5000-VZ-M	500-5000 µL	500-5000 µL	10.0 µL	🟢
10000-VZ-M	1000-10000 µL	1000-10000 µL	20.0 µL	🟢

Pipette Stands

Cat. No.	Description
C-01	Combi stand (2 modules) for up to 3 mechanical pipettes, except CAPPBravo
C-04	Pipette stand for up to 4 CAPPMaestro pipettes or all mechanical pipettes
C-05	Pipette stand for up to 5 CAPP mechanical pipettes, all models
C-06	Pipette stand for up to 6 CAPP mechanical pipettes, except CAPPBravo
00392-1	Block for 4 volume controllers

Pipette Filters

Cat. No.	Use with pipette	Pipette Volume	Sales Unit
C1000-1-FT	CAPP ecopipette	100-1000 µL	Bag / 50 pcs.
C5000-1-FT	CAPP ecopipette	1-5 mL	Bag / 50 pcs.
B510 mL-25-FT	CAPPBravo	1-5 mL and 1-10 mL	Bag / 25 pcs.

C-01

C-04

C-05

C-06

00392-1

CAPP Maestro

ELECTRONIC PIPETTES

CAPPMaestro electronic single channel pipettes are user-friendly digital pipettes that will optimise your serial work. They come equipped with advanced functions such as multi-dispensing, dilution and mixing.

Features

- Lightweight construction and ergonomic design with a wide hook allows you to hold the pipette in your hand, without the need to "grab" it
- Large tip ejector works as a rest for your thumb
- Fully-coloured OLED display with better contrast and a greater screen refresh rate in comparison to other LCD screens and less power consumption compared to other displays
- Optimised serial work with advanced functions such as multi-dispensing, dilution and mixing
- For routine laboratory work, you can simply save your favourite protocols and switch from one to another with just two clicks
- Calibration and password-setting functions enable you to maintain precise measurements and secure user access.
- Easy operation through the user-friendly graphic intuitive interface
- Long lasting performance through the use of lithium ion batteries

OLED display

Large tip ejector

Hook

1 YEAR Warranty

Ordering Information

Cat. No.	Channel	Volume	Increments	Inaccuracy %	Imprecision %
M10-1	1	0.2-10 µL	0.01 µL	2.50 / 1.00	1.80 / 0.50
M100-1	1	5-100 µL	0.1 µL	2.50 / 0.70	1.00 / 0.20
M200-1	1	10-200 µL	0.1 µL	2.50 / 0.60	0.70 / 0.20
M1000-1	1	50-1000 µL	1.0 µL	2.00 / 0.80	0.60 / 0.20
M5000-1	1	500-5000 µL	5.0 µL	2.40 / 0.60	0.60 / 0.15

The CAPPTempo pipette controller is characterised by precision and user-friendliness, it improves performance and reliability in various laboratory applications and is therefore ideal for efficient and accurate pipetting of small and large volumes.

Features

- Digital LED display shows battery status and aspiration/dispensing speed, flashes when battery is low and turns off after 20 seconds of non-use
- Adjustable Speed with six different speed levels for both aspiration and dispense modes
- Electronic Brake System (EBS) enables quick and precise aspiration of the required volume
- Equipped with a lithium ion battery that allows 8 hours of uninterrupted work when fully charged

Digital LED display

1 YEAR
Warranty

Ordering Information

Cat. No.	Description	Volume	Cone Colour
T100-B	CAPPTempo Pipette Controller	0.1-100 mL	blue

CAPP Tempo Accessories

Cat. No.	Description
T100-CS	Charging Stand

For more details about our serological pipettes please visit page 39

CAPP Forte

BOTTLE-TOP DISPENSER

CAPPForte bottle top dispenser is the ideal choice for handling strong and corrosive chemicals. Made of highly chemical-resistant materials, such as PTFE, PFA, borosilicate and platinum, CAPPForte Bottle-Top Dispenser is the ideal choice for dispensing bases, acids and solvents.

Features

• Positive displacement piston is ideal for many problematic media, such as crystallising, viscous, foaming or vaporing liquids, it removes the liquid completely through the tightly fitting piston that wipes the walls of the glass cylinder completely clean

• Unique wiping seal eliminates swelling and freezing of piston

• Locking the 3-way valve disables the dispensing function, preventing unintentional reagent flow and makes it possible to drain the system without removing the unit from the bottle

• The rapid prime system channels the reagent back into the bottle, eliminating reagent waste and increasing user safety

• Slide-and-lock volume adjustment allows an easy operation, the volume can be adjusted quickly and precisely and can be used for both left-handed and right-handed

• The discharge tube is turnable, making the bottle label visible at any time

• The telescope intake tube is easily adjustable, fitting reagent bottles without cutting

• PP-adapters for the most common bottle sizes are supplied with the instrument

• Autoclavable at 121° C / 250° F

Made in Germany

Specifications

Volume	Volume steps	Thread	Adapters GL	Accuracy %	Precision %
0.25 – 2.50 mL	0.05 mL	GL 32	28, 40, 45	0.6%	≤0.1%
0.50 – 5.00 mL	0.10 mL	GL 32	28, 40, 45	0.5%	≤0.1%
1.00 – 10.00 mL	0.20 mL	GL 32	28, 40, 45	0.5%	≤0.1%
2.50 – 25.00 mL	0.50 mL	GL 45	38, 40, 38/32	0.5%	≤0.1%
5.00 – 50.00 mL	1.00 mL	GL 45	38, 40, 38/32	0.5%	≤0.1%

Ordering Information

Cat. No.	Volume
CF2-1	0.25-2.5 mL
CF5-1	0.5-5 mL
CF10-1	1-10 mL
CF25-1	2.5-25 mL
CF50-1	5-50 mL

EXPell PellPLUS

PIPETTE TIPS | FILTER TIPS

With 25+ years of expertise, CAPP manufactures pipette tips that exceed the highest standards. Our extensive range meets the diverse needs of research, diagnostics, and analytical labs —perfect for routine tasks or specialised applications.

Features

- Made from US FDA virgin polypropylene without any traces of heavy metals (FDA approved 21 CFR)
- Superb quality, Swiss-made injection molds
- Certified RNase, DNase, DNA and Pyrogen-free
- Universal compatibility with most pipette brands on the market
- Different lengths suitable for different applications within the same volume range
- Crystal clear, incremental marks for convenience of use
- Select from EXPellPlus Low Retention or EXPell Standard (both of premium quality)
- Options of bulk, racked, reloads and Paperbox tips
- CAPP Filter Tips are consistent in their dimensions, feature controlled pore sizes and provide reliable protection against contamination

Standard tips

EXPellplus low retention tips
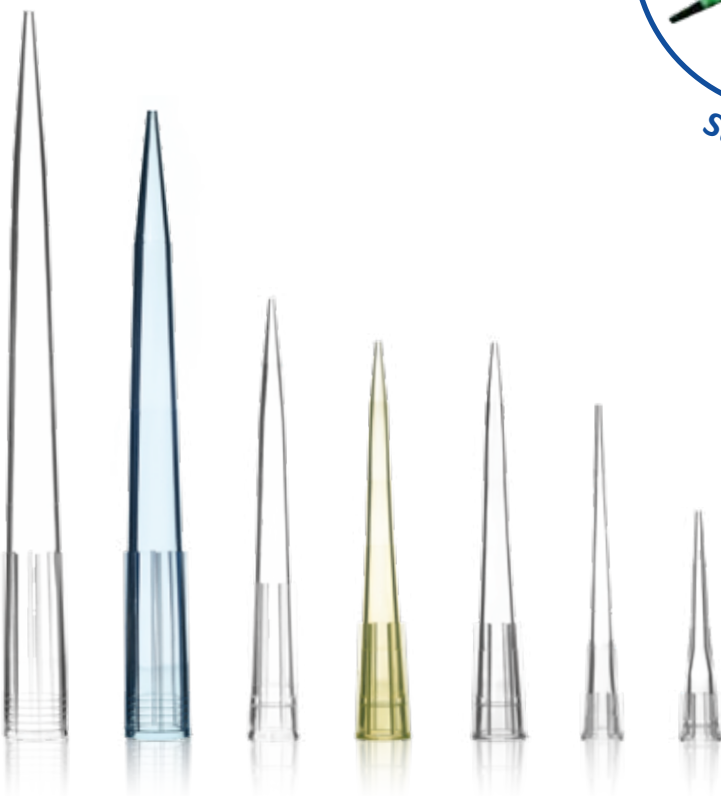
EXPell EXPellPLUS

BULK PIPETTE TIPS

EXPell and EXPellPlus Bulk Pipette Tips are available in self-standing, self-sealing plastic bags, enabling comfortable usage and compact storage.

Features
• Ready-to-use tips directly from the bag or for manual refilling into all CAPP racks
• Colour-coded labels enable quick and easy identification of the pipette tip
• Cost-effective option for budget-conscious users
• Made under strict quality standards, certified RNase, DNase, DNA, and Pyrogen-free

Did you know that ordering in bulk reduces plastic use by 665g per case?

Ordering Information

EXPell Bulk Non-filter Tips

Cat. No.	Description
5130010C	EXPell 10 µL, clear, bag, 20x1000 pcs.
5130041C	EXPell 10/20 µL XL, extra narrow, clear, bag, 20x1000 pcs.
5130070C	EXPell 200 µL, clear, bag, 30x1000 pcs.
4130075C	EXPell 200 µL, yellow, bag, 30x1000 pcs.
5130100C	EXPell 300 µL, clear, bag, 10x1000 pcs.
5130130C	EXPell 1000 µL, clear, bag, 20x500 pcs.
4130135C	EXPell 1000 µL, blue, bag, 20x500 pcs.
5130120C	EXPell 1250 µL XL, clear, bag, 20x 500 pcs.
5130160C	EXPell 5000 µL, clear, bag, 10x250 pcs.
5130161C	EXPell 5000 µL, clear, bag, 8x250 pcs.
5130192C	EXPell 5500 µL, clear, bag, 8 x 250 pcs.
5130190C	EXPell 10000 µL, clear, bag, 5x200 pcs.
5130191C	EXPell 10000 µL, clear, bag, 10x100 pcs.

EXPell Bulk Filter Tips

Cat. No.	Description
5131030C	EXPell 10 µL, bag, 20x1000 pcs.
5131061C	EXPell 10 µL XL, extra narrow, bag, 20x1000 pcs
5131062C	EXPell 20 µL, bag, 10x1000 pcs.
5131066C	EXPell 100 µL, bag, 10x1000 pcs.
5131090C	EXPell 200 µL, bag, 10x1000 pcs.
5131150C	EXPell 1000 µL, bag, 10x1000 pcs.

EXPellPlus Bulk Non-filter Tips, Low Retention

Cat. No.	Description
5030010C	EXPellPlus 10 µL, clear, bag, 20x1000 pcs.
5030041C	EXPellPlus 10µl XL, extra narrow, clear, bag, 20x1000 pcs.
5030070C	EXPellPlus 200 µL, clear, bag, 30x1000 pcs.
5030130C	EXPellPlus 1000 µL, clear, bag, 20x500 pcs.

EXPell / EXPellPLUS

PURITY CERTIFIED

CAPP offers a versatile range of pipette tips in autoclavable racks packed in user-friendly and space-saving dispenser boxes.

Features

• Each dispenser box includes 10 rackboxes or 8 rackboxes (for 1000/1250 µL tips)

• Colour-coded labels enable quick and easy identification of the pipette tip

• Available with filter, non-filter, sterile and non-sterile tips

• Offered in two options: EXPell Standard and EXPellPlus low-retention quality

Why are our rack boxes black?
We produce them using 100% of our own recycled plastic - for greater sustainability.

Ordering Information

Cat. No.	Description
5030015C	EXPell 10 µL, hinged rackboxes, 5x10x96 pcs.
5030016C	EXPell 10 µL, sterile, hinged rackboxes, 5x10x96 pcs.
5030046C	EXPell 10/20 µL XL, extra narrow, hinged rackboxes, 5x10x96 pcs.
5030047C	EXPell 10/20 µl XL, extra narrow, sterile, hinged rackboxes, 5x10x96 pcs.
5030075C	EXPell 200 µL, hinged rackboxes, 5x10x96 pcs.
5030076C	EXPell 200 µL, sterile, hinged rackboxes, 5x10x96 pcs.
5130105C	EXPell 300 µL, hinged rackboxes, 5x10x96 pcs.
5130135C	EXPell 1000 µL, hinged rackboxes, 4x8x96 pcs.
5130140C	EXPell 1000 µL, sterile, hinged rackboxes, 4x8x96 pcs.
5130121C	EXPell 1250 µL XL, hinged rackboxes, 4x8x96 pcs.
5130122C	EXPell 1250 µL XL, sterile, hinged rackboxes, 4x8x96 pcs.

EXPell Racked Filter Tips

Cat. No.	Description
5130030C	EXPell 10 µL, sterile w/ filter, hinged rackboxes, 5x10x96 pcs.
5130061C	EXPell 10/20 µL XL, extra narrow, sterile w/ filter, hinged rackboxes, 5x10x96 pcs.
5130062C	EXPell 20 µL, sterile w/ filter, hinged rackboxes, 5x10x96 pcs.
5130066C	EXPell 100 µL, sterile w/ filter, hinged rackboxes, 5x10x96 pcs.
5130090C	EXPell 200 µL, sterile w/ filter, hinged rackboxes, 5x10x96 pcs.
5130115C	EXPell 300 µL, sterile w/ filter, hinged rackboxes, 5x10x96 pcs
5130150C	EXPell 1000 µL, sterile w/ filter, hinged rackboxes, 4x8x96 pcs.
5130123C	EXPell 1250 µL XL, sterile w/filter, hinged rackboxes, 4x8x96 pcs.

EXPellPlus Low Retention, Racked Filter Tips

Cat. No.	Description
5030030C	EXPellPlus 10 µL, sterile w/ filter, hinged rackboxes, 5x10x96 pcs.
5030061C	EXPellPlus 10/20 µL XL, extra narrow sterile w/ filter, hinged rackboxes, 5x10x96 pcs.
5030062C	EXPellPlus 20 µL, sterile w/ filter, hinged rackboxes, 5x10x96 pcs.
5030066C	EXPellPlus 100 µL, sterile w/ filter, hinged rackboxes, 5x10x96 pcs.
5030090C	EXPellPlus 200 µL, sterile w/ filter, hinged rackboxes, 5x10x96 pcs.
5030115C	EXPellPlus 300 µL, sterile w/ filter, hinged rackboxes, 5x10x96 pcs.
5030150C	EXPellPlus 1000 µL, sterile w/ filter, hinged rackboxes, 4x8x96 pcs.
5030123C	EXPellPlus 1250 µL XL, sterile w/filter, hinged rackboxes, 4x8x96 pcs.

EXPellPlus 384, Low Retention, Racked Tips / Filter Tips

Cat. No.	Description
5030005C	EXPellPlus 0.2-50 µL, long, racked, sterile, 5x10x384 pcs.
5030006C	EXPellPlus 0.2-50 µL, long, racked, sterile, filtered, 5x10x384 pcs.

Cleaner, greener transport
– reducing our carbon footprint

Over the past few years, we have worked hard to hone our expertise in sustainable production, striving to reduce our environmental footprint at every stage of our process, and one significant challenge we have successfully addressed is the optimisation of product shipping.

With our revolutionary reload system, we have saved an impressive **65% reduction** in shipping space per consignment, allowing for more efficient transportation and reducing our environmental impact.

Consequently, this has reduced our overall carbon footprint in shipping and other transportation.

Of course, this innovative system also frees up valuable benchtop space in your laboratory!

STANDARD RACK BOXES

EXPell
RELOAD SYSTEM

65% space saved

For further information visit www.capp.dk/blog/sustainable-lab-consumables

EXPell
RELOAD SYSTEM

CAPP's EXPell Pipette Tips Reload System is designed for 10 µL 10/20 µL XL, 200 µL, 300 µL, 1000 µL tips. Depending on the volume of your chosen tip, it contains towers of 5, 8 or 10 racks containing 96 tips each.

The system is extremely easy to use. Take off the tower cover and pick up the rack with tips. Place it into the empty rack. The rack has been refilled with 96 tips.

The EXPell Reload System has multiple benefits:

• Shipping costs are significantly reduced by up to 75% of the packing volume. The tips are packed more compactly than standard racked or bulk tips.

• The tips from the upper rack are partially placed into the tips of the lower plate, resulting in a slim tower, taking much less space than a single box of 10 racked tips.

• CAPP's EXPell Reload System reduces plastic waste. Each rack can be reused multiple times and, apart from the insert plates with tips, there are no further plastic components – only the recyclable cardboard packaging.

• Thanks to the minimal footprint, the towers of the EXPell Reload System take up less space on the benchtop and in the storage room.

• The system is compatible with all CAPP racks of corresponding tip volumes.
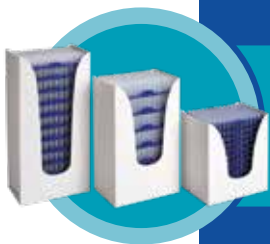
1 Open the refill by sliding it towards the top.

2 Prepare an empty rackbox. Remove its original grid.

3 Pick up the first rack of refill tips and insert into the rackbox. The racks can be reused.

4 Once the tips are properly installed in the rackbox, you may close the hinged lid.

Ordering Information

Cat. No.	Description
5030035C	EXPell 10 µL, reload tips, 10x10x96 pcs.
5030055C	EXPell 10/20 µL XL, extra narrow, 10x10x96 pcs.
5030095C	EXPell 200 µL, reload tips, 10x10x96 pcs.
5130111C	EXPell 300 µL, reload tips, 10x8x96 pcs.
5130155C	EXPell 1000 µL, reload tips, 10x5x96 pcs.

EXPellPLUS

PURITY CERTIFIED

Make a difference and choose PaperBox for sustainable lab practices. Discover a smarter, greener choice with our PaperBox racks, the perfect eco-friendly alternative to plastic racks.

- Sustainability meets Reliability – These durable racks ensure secure pipette tip storage while being 100% recyclable

- Innovative design – Eco-friendly cardboard construction minimises environmental impact without compromising performance

- Space-saving efficiency – Supplied in compact dispenser towers, reducing bulk transportation needs and cutting emissions

- Significant plastic savings – Each case of PaperBox Filter tips saves an average of 665g of plastic, helping you protect the planet with every use

Plastic saved using Paperbox Filter Tips versus Racked tips

Plastic Saved per 960 Tip Pack (g)

1000
750
500
250
0

10 µL
10/20 µL XL   200 µL   300 µL   1000 µL   1250 µL

Tip Volume
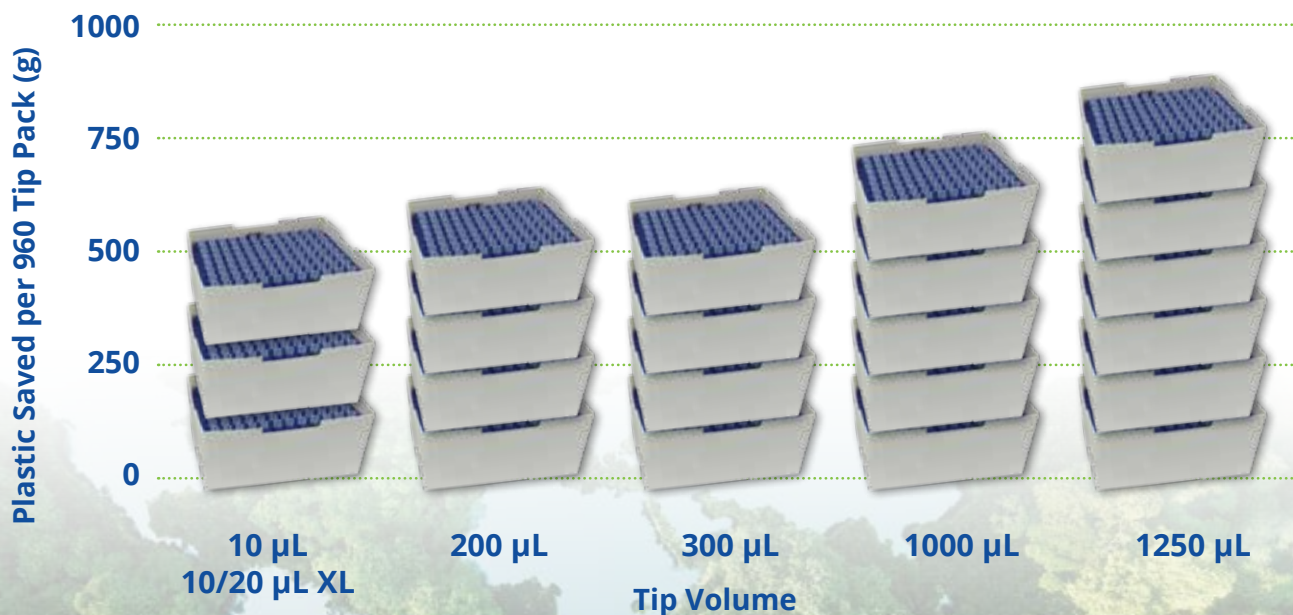
Ordering Information

EXPell and EXPellPlus Filter Tips in Cardboard Racks

Cat. No.	Description
5030029C	EXPellPlus 10 µL, sterile w/ filter, PaperBox, 5x10x96 pcs.
5030059C	EXPellPlus 10/20 µL XL, extra narrow sterile w/ filter, PaperBox, 5x10x96 pcs.
5030063C	EXPellPlus 20 µL, sterile w/ filter, PaperBox, 5x10x96 pcs.
5030064C	EXPellPlus 100 µL, sterile w/ filter, PaperBox, 5x10x96 pcs.
5030089C	EXPellPlus 200 µL, sterile w/ filter, PaperBox, 5x10x96 pcs.
5030114C	EXPellPlus 300 µL, sterile w/ filter, PaperBox, 5x10x96 pcs.
5130149C	EXPell 1000 µL, sterile w/ filter, PaperBox.4x8x96 pcs.
5130119C	EXPell 1250 µL XL, sterile w/ filter, PaperBox, 4x8x96 pc.

The environmentally friendly PaperBox rackboxes for EXPellPlus filter tips offer a sustainable solution for refilling your empty rack box with filter tips.

These recyclable rack boxes are an excellent alternative to conventional plastic filter tip rackboxes.

1 Prepare empty rackbox and new Paperbox.

2 Remove rack of tips from Paperbox.

3 Insert rack into rackbox and recycle Paperbox packaging.

EXPellPLUS

INDIVIDUALLY WRAPPED TIPS

**Ideal for sensitive applications, these micropipette tips ensure the highest aseptic conditions with unique individual packaging.
Each tip guarantees sterility for every pipetting cycle, delivering unmatched performance and purity standards**

Features

- Available in three volume sizes: 10 µL, 200 µL and 1000 µL

- Certified free from endotoxins, DNase, RNase, Pyrogen, Endotoxin, Human DNA and PCR Inhibitor

- Universally compatible with most pipette brands

- Made with a unique plastic polymer for a hydrophobic inner surface, reducing sample adhesion

- Low-retention properties of 10 and 200 µL tips minimise sample binding, ensuring high accuracy and reproducibility

- Sterile and individually wrapped, with batch numbers and expiration dates printed on each wrap

Ordering Information

EXPellPlus Individually Wrapped Tips

Cat. No.	Description
5030012C	EXPellPlus 10 µL, sterile, clear, bag, 5x400 pcs. individually wrapped tips
5030072C	EXPellPlus 200 µL, sterile, clear, bag, 5x400 pcs. individually wrapped tips
5130132C	EXPell 1000 µL, sterile, clear, bag, 5x200 pcs. individually wrapped tips

EXPell

EXPell Secure

With EXPell and EXPellSecure, CAPP offers two variants of microcentrifuge tubes. Both manufactured from high-quality raw materials that meet standards of purity and have high mechanical stability and excellent chemical resistance.The EXPellSecure microcentrifuge tubes feature an exclusive design that eliminates the risk of accidental opening or lid detachment during vigorous processes. Hinge orientation nibs and safe click lock ensure leakproof performance and reducing sample loss due to evaporation during incubation or storage.

Features

- Perfect seali prevents evaporation and ensures sample integrity

- Easy opening/closing with one hand

- Quick volume control thanks to precise graduation marks

- Frosted areas on tube body and lid allow easy sample identification

- For colour coding of the samples, the 1.5 mL EXPellSecure microcentrifuge tubes are also available in colour-coded sales units

- High clarity for excellent sample visibility

- Free of DNase, RNase, human DNA, pyrogen and endotoxin

- For high-performance applications EXPell Microcentrifuge Tubes withstands up to 20000 x g and EXPellSecure Microcentrifuge Tube up to 25000 x g

Safe Click Lock

EXPell

EXPell Secure

Ordering Information

Cat. No.	Description
5100500C	EXPell Microcentrifuge tubes 0.5 mL, clear, bulk, 10x1000 pcs.
5100505C	EXPell Microcentrifuge tubes 0.5 mL, clear, bulk, sterile, 20x500 pcs.
5101500C	EXPellSecure Microcentrifuge tubes 1.5 mL, clear, bulk, 16x500 pcs.
5101501C	EXPell Microcentrifuge tubes 1.5 mL, clear, bulk, 20x500 pcs.
5101505C	EXPell Secure Microcentrifuge tubes 1.5 mL, clear, sterile, bulk, 10x500 pcs.
5101590C	EXPell Secure microcentrifuge tubes 1.5 mL, assorted colours, bulk, 20x500 pcs. (magenta, blue, yellow, green, orange)
5102000C	EXPellSecure Microcentrifuge tubes 2.0 mL, clear, bulk, 16x500 pcs.
5102001C	EXPell Microcentrifuge tubes 2.0 mL, clear, bulk, 10x500 pcs.
5102005C	EXPell Secure microcentrifuge tubes 2.0 mL, clear, sterile, bulk, 10x500 pcs.

*Blu*CAPP

CAPP Centrifuge Tubes have been carefully designed to meet a wide range of laboratory requirements, ensuring optimum comfort and durability. CAPP provides two sizes of Centrifuge Tubes, 15 and 15 mL to cover the daily need for sample storage and centrifugation in the laboratory.

Features
- Leak-proof seal protects against accidental leakage
- Large ridges on the caps enable comfortable handling and optimum grip, even with gloves on
- The 3/4 turn closure enables faster operation and allows for one-handed use
- US FDA Approved Virgin Polypropylene
- Free of DNase, RNase, human DNA and endotoxin / non cytotoxic, biologically inert, BPA Free
- Withstand temperatures from -80° to 121°C
- Easy-to-read graduation marks for precise measurement
- Large writing area offers ample space for clear labelling and identification
- High RCF Tolerance ensures reliability in high speed centrifugation:
  up to 17.000 RCF - 15 mL centrifuge tube
  up to 20.000 RCF - 50 mL centrifuge tube
  up to 7.000 RCF - 50 mL centrifuge tube (self-standing)

Large writing area

Easy-to-read graduation marks

Ordering Information

Cat. No.	Description
5100014C	BluCAPP Centrifuge Tubes, 15 mL, bulk, 20x25 pcs.
5100015C	BluCAPP Centrifuge Tubes, 15 mL, sterile, 20x25 pcs.
5100019C	BluCAPP Centrifuge Tubes, 15 mL, cardboard rack, sterile, 20x25 pcs.
5100049C	BluCAPP Centrifuge Tubes, 50 mL, bulk, 20x25 pcs.
5100050C	BluCAPP Centrifuge Tubes, 50 mL, sterile, 20x25 pcs.
5100059C	BluCAPP Centrifuge Tubes, 50 mL, cardboard rack, sterile, 20x25 pcs.
5100060C	BluCAPP Centrifuge Tubes, 50 mL, sterile, self-standing, 20x25pcs.

EX Pell

CAPP EXPell PCR Tubes and PCR Strips, available in 0.1 mL and 0.2 mL sizes, are designed to deliver consistent, reliable PCR results every time. Crafted from premium polypropylene, these consumables are free from contaminants, ensuring the highest purity and precision throughout your PCR experiments, supporting accurate, reproducible results.

Features

• Thin-walled design optimised for exceptional PCR performance in a range of thermocyclers

• Frosted and white opacity options enhance signal-to-noise ratios for better PCR results

• Evaporation rate below 5% for reproducible results

• Free of DNase, RNase, DNA, PCR Inhibitor, ATP, Endotoxin

• Frosted flat cap for easy marking

• Made from USP VI polypropylene

• Compatible with standard and real-time PCR routines
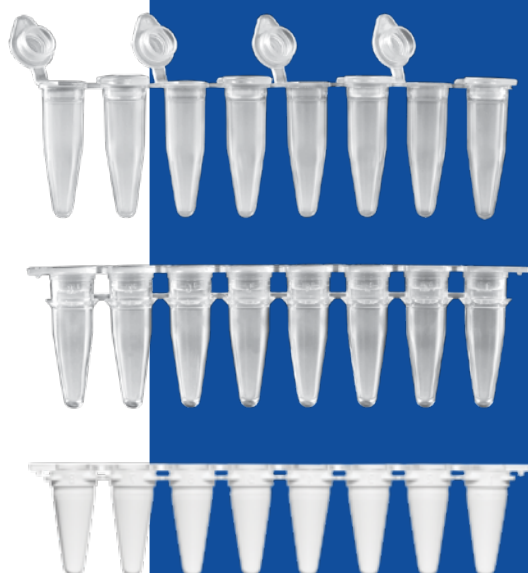
Ordering Information

EXPellPCR Tubes

Cat. No.	Description
5100201C	PCR Tubes 0.2 mL, bag, 40x500 pcs.

EXPellPCR Strips

Cat. No.	Description
5100310C	qPCR 8-strip, frosted, separate optical flat caps 0.1 mL, 5x10x12 pcs.
5100312C	qPCR 8-strip, clear, separate optical flat caps 0.1 mL, 5x10x12 pcs.
5100316C	qPCR 8-strip, white, separate optical flat caps 0.1 mL, 5x10x12 pcs.
5100210C	PCR 8-strip, clear, separate frosted flat caps 0.2 mL, 5x10x12 pcs.
5100212C	PCR 8-strip, clear, w/ single attached frosted flat caps 0.2 mL, 5x10x12 pcs.
5100217C	qPCR 8-strip, clear, separate optical flat caps 0.2 mL, 5x10x12 pcs.
5100218C	qPCR 8-strip, white, separate optical flat caps 0.2 mL, 5x10x12 pcs.

CAPP

Petri Dishes from CAPP are crafted in a contaminant-free cleanroom from premium-quality polystyrene, ensuring top-tier performance. Designed for optimal heat transfer, they maintain the ideal thermal zone for bacterial growth. With excellent optical clarity, they allow for quick and accurate observation of growth patterns, haemolysis, and antibiotic sensitivity.

Features

- Supplied in sleeves of 20 petri dishes
- Available in vented and non-vented formats to optimise airflow for different culture conditions
- 91.5 mm diameter provides ample space for streak-plates or spread-plates
- Space-saving stackable design for easy storage in incubators or refrigerators
- Made from premium-quality polystyrene that meets the specifications of US FDA regulation 21 CFR 177.1640
- Manufactured in a contaminant-free environment for assured quality
- Simple packaging with traceable lot numbers for easy identification
- Excellent optical properties for accurate observation of cultures
- Fully compatible with medium throughput carousel-based media preparation systems

Ordering Information

Cat. No.	Description
5062000C	CAPP Petri Dishes, Ø91.5 mm, H:14.35 mm, without vents, aseptic, 24x20 pcs
5062001C	CAPP Petri Dishes, Ø91.5 mm, H:14.35 mm, without vents, sterile, 24x20 pcs
5062010C	CAPP Petri Dishes, Ø91.5 mm, H:14.55 mm, with 3 vents, aseptic, 24x20 pcs
5062011C	CAPP Petri Dishes, Ø91.5 mm, H:14.55 mm, with 3 vents, sterile, 24x20 pcs
5063000C	CAPP Petri Dishes, Ø91.5 mm, H:14.35 mm, without vents, aseptic, 25x20 pcs
5063001C	CAPP Petri Dishes, Ø91.5 mm, H:14.35 mm, without vents, sterile, 25x20 pcs
5063010C	CAPP Petri Dishes, Ø91.5 mm, H:14.55 mm, with 3 vents, aseptic, 25x20 pcs
5063011C	CAPP Petri Dishes, Ø91.5 mm, H:14.55 mm, with 3 vents, sterile, 25x20 pcs

CAPP *Origami*

REAGENT RESERVOIRS
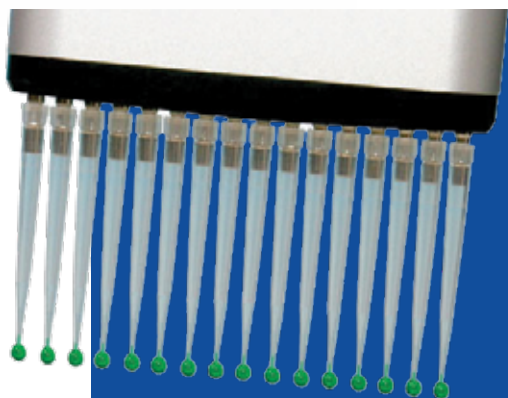
CAPPOrigami represents a new way of thinking when it comes to reagent reservoirs.

Features

• V-shaped bottom prevents bubble formation and ensures retrieval of the last drop of liquid for efficient reagent use

• Sturdy construction offers a consistently firm and stable reservoir for pipetting

• Pre-folded design allows easy assembly by simply pushing the sides together

• Made from durable polypropylene, ensuring reliability and reusability

• Shipped and stored as flat sheets, saving space and reducing shipping costs

• Reservoirs are available as 30 mL reservoirs for 8/16 channel pipettes and 40 mL reservoirs for 12 channel pipettes

• Eco-friendly and space-saving, optimising storage and reducing environmental impact

• Increases workspace efficiency by saving benchtop space and lowering costs
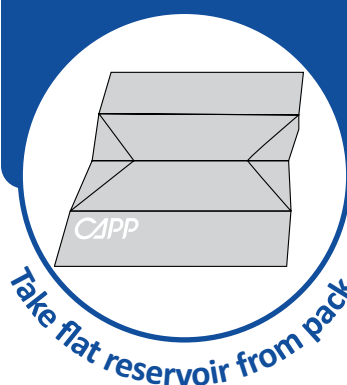
Take flat reservoir from pack
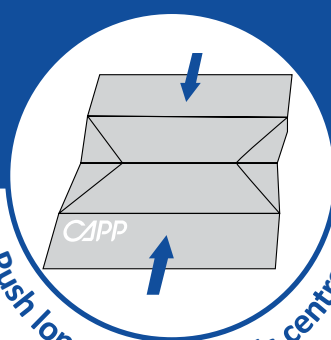
Push long sides towards centre
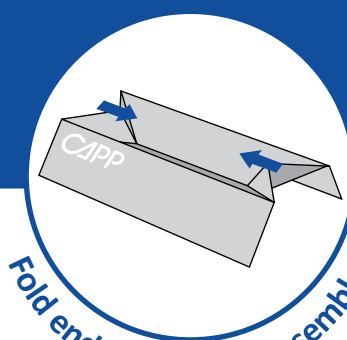
Fold end triangles to assemble

Ordering Information

Cat. No.	Description
CA40505	CAPPOrigami 30 mL (8- and 16-channel pipettes), bag w/ 50 pcs.
CA40506	CAPPOrigami 30 mL (8- and 16-channel pipettes), sterile, 10 bags w/ 5 pcs. each
CA40510	CAPPOrigami 40 mL (12-channel pipettes), bag w/ 50 pcs.
CA40511	CAPPOrigami 40 mL (12-channel pipettes), sterile, 10 bags w/ 5 pcs. each

CAPP Sharp

REAGENT RESERVOIRS

With CAPP's sterile, disposable reagent reservoirs, you gain more efficiency in your manual liquid handling workflows. They make quick work of liquid transfer, whether you are working on ELISA, PCR, or any other suitable protocol.

Features

- Made from a unique blend of virgin polystyrene for high chemical stability and broad reagent compatibility
- Angled interior design minimises dead volume, reducing reagent waste
- Accurate graduations on interior slopes provide clear visibility from any angle
- Four pour spouts for easy, spill-free liquid discharge from all corners
- Stackable ridge design saves storage space, with a base lip for easy separation
- Supplied in two different packaging configurations: bulk or individually wrapped, sterile
- Available in 3 different sizes:
    - 10 mL, V-shaped - Ideal for 8- and 16-channel pipettes
    - 25 mL, Flat Bottom - works best with the CAPP Aero 384-well multichannel pipettes (32, 48 and 64 channel pipettes)
    - 50 mL, V-shaped Ideal for use with 12-channel pipettes

Ordering Information

Cat. No.	Description
CA40515C	CAPPSharp reagent reservoir 10 mL, bulk, 5x100 pcs.
CA40516C	CAPPSharp reagent reservoir 10 mL, individually wrapped, sterile, 50 pcs.
CA40520C	CAPPSharp reagent reservoir 25 mL, bulk, 5x100 pcs.
CA40521C	CAPPSharp reagent reservoir 25 mL, individually wrapped, sterile, 50 pcs.
CA40525C	CAPPSharp reagent reservoir 50 mL, bulk, 5x100 pcs.
CA40526C	CAPPSharp reagent reservoir 50 mL, individually wrapped, sterile, 50 pcs.

CAPP offers EXPell Cryo Tubes in 5 sizes: 0.5 mL, 1.0 mL, 2.0 mL, 4.0 mL and 5.0 mL. Focusing on the best user experience and convenience, the quick seal closure with external threads enables easy tightening or removal with a half-turn.

These are one of very few cryo tubes to have external threads and star feet, allowing storage in 10x10 cryo boxes and saving up to 23% space compared to other standard options on the market. Made from specially formulated polypropylene, both the caps and tubes have matching expansion coefficients, ensuring leakproof performance at various temperatures.

EXPell Cryo Tubes are ideal for storage in the vapour phase of liquid nitrogen.

Coloured cap inserts. Available in red, blue, green, white and yellow. Made of PP for easy recognition

Lip seal cap design ensures that the tubes are **leakproof**

High-quality graduation marks and writing area for **easy sample identification**

Super straight design fits into both 9x9 and 10x10 cryo boxes. No surface transition between the tube and the cap **for minimal risk of contamination during storage**

External thread super straight design gives **up to 23% extra storage capacity** when used with the 10x10 cryo boxes

Certified Purity – free of RNase, DNase, human DNA, PCR-Inhibitors, Pyrogens and ATP

Quick seal design for single-handed operation. Tighten or open it with only half a turn!

Star-foot bottom for better stability and operation when stored on selected cryo boxes

Ordering Information

EXPell Cryo Tubes

Cat. No.	Description
5040500C	EXPell Cryo Tube 0,5 mL, sterile, w/o print, bulk, case with 10x100 pcs (tubes) and 1x1000 pcs (caps)
5041000C	EXPell Cryo Tube 1.0 mL, 10x100 pcs.
5042000C	EXPell Cryo Tube 2.0 mL, 10x100 pcs.
5044000C	EXPell Cryo Tube 4.0 mL, 5x100 pcs.
5045000C	EXPell Cryo Tube 5.0 mL, 5x100 pcs.

Coloured Cap Inserts for EXPell Cryo Tubes

Cat. No.	Description
504R000C	Red Cap Insert for EXPell Cryo Tube, 1x500 pcs.
504B000C	Blue Cap Insert for EXPell Cryo Tube, 1x500 pcs.
504G000C	Green Cap Insert for EXPell Cryo Tube, 1x500 pcs.
504W000C	White Cap Insert for EXPell Cryo Tube, 1x500 pcs.
504Y000C	Yellow Cap Insert for EXPell Cryo Tube, 1x500 pcs.

EXPell

PLASTIC CRYO BOXES

CAPP's plastic EXPell Cryo Boxes are made from highly durable polypropylene and are suitable both for freezing at -90°C and autoclaving at +121°C for 20 minutes.

Features

• Space-saving design – 10x10 cryo boxes, increasing storage capacity by up to 23% compared to standard 9x9 cryo boxes

• Multiple sizes – 10x10 cryo boxes are available in 5 heights and 9x9 cryo boxes in three heights

• Easy sample identification – Numerical coding on the lid and base for quick and accurate tube tracking

• Vent holes at the bottom of each box rapidly increases freezing times and also allow the drainage of liquids

• Durable construction – made of high-quality polypropylene, suitable for storage at -90°C and autoclaving at +121°C

• One-handed operation – star-foot lock design allows tube opening without removing it from the box

• User-friendly handling – slanted edges ensure proper lid alignment and simplify use

Ordering Information

Cat. No.	Description
5040510C	EXPell Plastic Cryo Box, 10x10 cell grid for 0.5 mL cryovials, 130 x 130 x 32 mm, case of 36 pcs.
5041010C	EXPell Plastic Cryo Box, 10x10 cell grid for 1,0 mL cryovials, 130 x 130 x 40 mm, case of 36 pcs.
5042010C	EXPell Plastic Cryo Box, 10x10 cell grid for 2,0 mL cryovials 130 x 130 x 50 mm, case of 36 pcs.
5044010C	EXPell Plastic Cryo Box, 10x10 cell grid for 4,0 mL cryovials, 130 x 130 x 80 mm, case of 36 pcs.
5045010C	EXPell Plastic Cryo Box, 10x10 cell grid for 5,0 mL cryovials, , 130 x 130 x 90 mm, case of 36 pcs.
5042022C	EXPell Plastic Cryo Box, 9x9 cell grid for 1,0- 2,0 mL cryovials, 130 x 130 x 50 mm, case of 36 pcs.
5044020C	EXPell Plastic Cryo Box, 9x9 cell grid for 4,0 mL cryovials, 130 x 130 x 80 mm, case of 36 pcs.
5045020C	EXPell Plastic Cryo Box, 9x9 cell grid for 5,0 mL cryovials, 130 x 130 x 90 mm, case of 36 pcs.

EXPell

CAPP's EXPell Cryo Boxes are crafted from high-quality, eco-friendly cardboard, and offer a sustainable alternative to traditional plastic storage solutions. Designed with a focus on reducing environmental impact, they are available in two grid configurations: 9x9 (81 cells) and 10x10 (100 cells), ensuring flexible and efficient storage options while supporting your commitment to a greener future.

With our cryo boxes you don't have to sacrifice quality to save the environment.

Both are important!

Features

• Eco-friendly and disposable, offering a sustainable cryo storage solution

• Temperature-resistant and recyclable for reliable performance and environmental sustainability

• Constructed with a water-repellent finish for added durability

• Write-on surface for easy sample identification and retrieval

• Removable grid provides flexibility for diverse storage needs

• Available in 9x9 (81 cells) and 10x10 (100 cells) grid options

• Chemically-resistant to alcohols and mild organic solvents

9x9 configuration

10x10 configuration
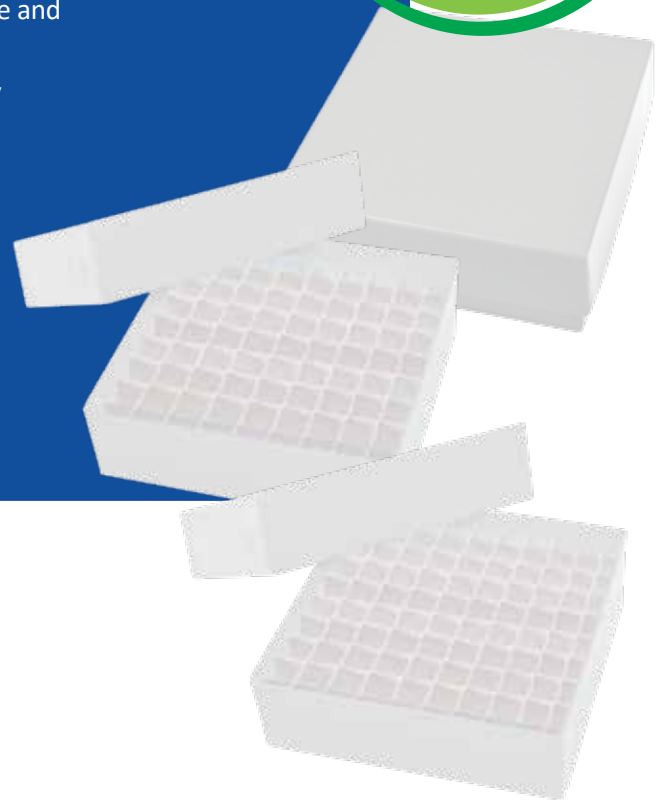
Ordering Information

Cat. No.	Description
5042030C	Cardboard Cryo Box B9, 133 x 133 x 50 mm, including 9x9 cell grid, case with 36 pcs.
5042020C	Cardboard Cryo Box B10, 133 x 133 x 50 mm, including 10x10 cell grid, case with 36 pcs.

Cardboard Cryo Boxes
Eco-Friendly Innovation for Cold Storage

CAPP *Harmony*

SEROLOGICAL PIPETTES

PURITY CERTIFIED

CAPPHarmony Serological Pipettes ensure accurate liquid handling with precise graduations, colour-coded heads, and filter plugs for contamination-free work. Made from USP CLASS VI polystyrene, they are durable, versatile, and compatible with various pipettors. Perfect for reliable results in any lab setup.

Features

• Designed for accurate and rapid fluid dispensing, these polystyrene pipettes are sterile, DNase/RNase free, non-pyrogenic and filtered (polyolefin (PO) filter) for a variety of liquid handling applications

• Clear and precise graduation achieves an accuracy of ±2% of the total volume

• Dual graduations simplifies the identification of pipetting volumes, the negative gradations increase the pipette's capacity and accommodate larger volume needs

• The pipettes are supplied individually wrapped in an easy-to-open, fibre-free, colour-coded paper/plastic combination

• Each pipette comes with an effective filter barrier that prevents the sample, aerosols and water vapour from entering the pipette and protects the sample from contamination by impurities within the pipette

• The uniform mouth piece fits all major pipettors and is colour-coded for easy identification

Ordering Information

Cat. No.	Description	Volume	Package	Colour
SP-1-C	CAPPHarmony Serological Pipette, sterile	1 mL	individually wrapped, 500 pcs.	🟡
SP-2-C	CAPPHarmony Serological Pipette, sterile	2 mL	individually wrapped, 500 pcs.	🟢
SP-5-C	CAPPHarmony Serological Pipette, sterile	5 mL	individually wrapped, 200 pcs.	🔵
SP-10-C	CAPPHarmony Serological Pipette, sterile	10 mL	individually wrapped, 200 pcs.	🟠
SP-25-C	CAPPHarmony Serological Pipette, sterile	25 mL	individually wrapped, 150 pcs.	🔴
SP-50-C	CAPPHarmony Serological Pipette, sterile	50 mL	individually wrapped, 100 pcs.	🟣
SP-100-C	CAPPHarmony Serological Pipette, sterile	100 mL	individually wrapped, 50 pcs.	🔴

CAPP *Rondo*

The CAPP Rondo Mini Incubator is the perfect lab incubator for space-limited and mobile laboratories. Designed with a fine-tuned microprocessor-controlled thermal system and generous internal space.

Features

- User-friendly, intuitive control panel with a large easy-to-read LED display
- Microprocessor-controlled thermal adjustment with fine, granular ±1°C adjustments
- Large inner chamber (22 L) with plenty of space for holding a variety of sample types
- Removable, adjustable shelving makes it easy to adjust the space to suit the samples to be stored
- Small footprint is ideal for space-restricted labs
- Internal chamber illuminated with a bright light fixture for easy sample retrieval, even in low light conditions
- Internal power outlet for powering small instruments (e.g. vortex mixers, rollers, shakers etc.)

Specifications

Temperature Range	15°C below ambient, up to 60°C	**Exterior Dimensions**	410 x 340 x 480 mm
Temperature Accuracy	0.5°C (at 37°C)	**Interior Dimensions**	260 x 235 x 360 mm
Temperature Uniformity	+/- 1.5°C (at 37°C)	**Weight**	7.4kg
Temperature Increments	+/- 1°C	**Electrical**	100-240V, 50-60Hz
Capacity	22 L		

Scope of Delivery

1 pc. Mini Incubator
1 pc. Power Adapter
1 pc. User Manual
1 pc. Warranty Card

Ordering Information

Cat No.	Description
CR-MI1	CAPPRondo Mini Incubator

CAPP *Rondo*

MINI VORTEX MIXER

CAPPRondo Mini Vortex Mixer offers the ideal solution for thorough mixing and quick vortexing, delivering high performance in terms of speed, reliability and safety.

Features

- Microprocessor-controlled ensures delivery of the maximum speed, even under varying load conditions
- Variable speed is adjusted by turning speed control button
- Highly touch-sensitive switch ensures real-time mixing
- Suspension design for longer switch life
- Low-profile design with a small footprint, making it ideal for laboratory benches
- In-built counterbalance system creates maximum vortexing action, while minimising noise and excessive vibration
- Brushless DC motor for safety, quick acceleration and low maintenance
- Ideal for cold rooms and incubators, it maintains a set speed between 5-40°C
- Chemically-resistant PC ABS molded exterior, with aluminium die-cast base

Specifications

Speed Range	2000- 4500 RPM	**Protection Class (DIN EN 60529)**	IP 43
Speed Accuracy	± 5 %	**Material**	Body- PC ABS / Platform- Die Cast
Motor Type	Brushless DC motor	**Operating Mode**	Touch
Max. Load Capacity	500 g	**Dimensions (W x D x H)**	100 x 100 x 70 mm
Max Tube Diameter	30 mm	**Weight**	0.55kg
Motion	Orbital	**Power Consumption**	15 W
Orbital Diameter	4.5 mm		

Scope of Delivery

1 pc. Mini Vortex Mixer
1 pc. Inbuilt Power Adapter
1 pc. User Manual
1 pc. Warranty Card

Ordering Information

Cat. No.	Description
CRV-45X	CAPPRondo Mini Vortex Mixer 4500 RPM w/ adjust. speed

CAPP *Rondo*

VORTEX MIXER

The CAPP Rondo Vortex Mixer is an indispensable piece of high-performance equipment designed to meet the rigorous demands of everyday mixing operations in any laboratory setting.

Features

• Maintenance-free motor technology is ideal for extended runs

• Adjustable speed and time, speed ranging from 300-3000 RPM

• Remains static on the bench due to the inbuilt counterbalance

• Has a conical tube attachment. A round disk attachment with base is also available as an accessory

Conical tube attachment

Round disk attachment

Scope of Delivery

1 pc. Vortex Mixer
1 pc. Power Adapter
1 pc. Standard Conical Tube Attachment (pre-installed)
1 pc. User Manual
1 pc. Warranty Card

Specifications

Speed Range	300- 3000 RPM	**Operating Mode**	Touch, Timer, Continuous (999 mins)
Motor	Brushless DC	**Display**	Yes
Max. Load Capacity	500g	**Pulse Mode**	Yes, Programmable
Motion	Orbital	**Dimensions (W x D x H)**	200 x 225 x 107 mm
Orbital Diameter	4 mm	**Weight**	4kg
Protection Class	IP 21	**Power Consumption**	22 W

Ordering Information

Cat. No.	Description
CRV-30XC	CAPPRondo Vortex Mixer 3000 RPM w/ adjust. speed, timer and continuous mode
CRV-30XC-RA	Round disc attachment with base for CRV-30XC CAPPRondo Vortex Mixer

CAPP Rondo

MICROCENTRIFUGE

CAPPRondo Microcentrifuge has a lot more to offer than the basic microcentrifuges available on the market. It is available in two versions. The CR-68, is the basic version with a fixed speed of 6000 rpm/2000 x g. CR-68X is the advanced model with programmable speeds of up to 6000 rpm/2000 g and a timer function, which is operated via two buttons and a digital display.

Features

- Quiet and powerful operation
- Supplied with 2 interchangeable magnetic rotors and reduction adaptors
- Equipped with safety functions such as a lid safety interlock and electronic safety brake, which activates an immediate stop when the lid is opened
- Quick operation with a simple lid open/close, starts and stops in seconds
- Microprocessor-controlled digital display with speed and time indication
- Small footprint for use in hoods and at small working areas
- Magnetic rotor for easy tool-free rotor replacement

Specifications

CR-68

Speed	6000 RPM
	2000 x g (max. RCF)
Speed Accuracy	± 300 RPM
Motor Type	DC motor
Rotor Capacity	8 x 1.5/2.0 mL. 2 x 8 x 0.2 mL
Time	No
Display	No
Dimensions (W x D x H)	162 x 157 x 116 mm
Weight	1.1kg
Power consumption	10 W

CR-68X

Speed	1000-6000 RPM
	2000 x g (max. RCF)
Speed Accuracy	± 100 RPM
Motor Type	Brushless DC motor
Rotor Capacity	8 x 1.5/2.0 mL & 2-place PCR strip rotor
Time Setting	0 to 25 mins and infinite
Display	Yes
Dimensions (W x D x H)	162 x 157 x 116 mm
Weight	1.1kg
Power consumption	15 W

Scope of Delivery

1 pc. Microcentrifuge
1 pc. Power Adapter
1 pc. 8 x 1.5/2.0 mL Closed Micro Tube Rotor
1 pc. 2 x 8x0.2 mL PCR Strip Rotor
8 pcs. Adaptors for 0.5 mL Tubes
8 pcs. Adaptors for 0.1/0.2 mL Tubes
1 pc. User Manual
1 pc. Warranty Card

Ordering Information

Cat. No.	Description
CR-68	CAPPRondo Microcentrifuge 6000 RPM/2000 x g
CR-68X	CAPPRondo Microcentrifuge w/ adjustable speed and timer function, max. 6000 RPM/2000 x g

CAPP *Rondo*

HIGH SPEED MINI CENTRIFUGE

CAPP Rondo Mini Centrifuge is a modern, easy-to-use, and high-performance mini centrifuge equipped with a maintenance-free drive.

Features

• Lid lock safety and imbalance detection features ensure the utmost safety of the user during the operation

• USB port for remote control via a terminal device with data logger

• Adaptors provided for 0.1/0.2 mL and 0.4/0.5 mL tubes

• Quick and convenient setting made possible by the simple, intuitive interface

• Aluminum rotor, with a capacity to hold 12 tubes of 2 mL in volume, and a secure, screw-on metal lid

• Functions - last run memory / countdown timer / one touch short spin centrifugation / RPM/RCF speed setting / error display

• Small footprint

Specifications

Speed	500 - 15000 RPM / 15596 x g (max. RCF)
Speed Accuracy	± 100 RPM
Motor Type	Brushless DC
Rotor Capacity	12 x 2.0 mL microtubes (pre-installed) Optional 2x8 0.1/0.2 mL PCR strip rotor
Time Setting	30 sec. to 999 min. and infinite mode
Noise Level	< 60 db
Imbalance Detection	Yes
Display	Yes, backlit LCD display
Remote Operation	Yes, via USB Port
Dimensions (W x D x H)	262 x 230 x 131 mm
Weight	4.5kg (with rotor)
Power Consumption	72 W

Scope of Delivery

1 pc. High Speed Mini Centrifuge
1 pc. Power Adapter
1 pc. USB Cable
1 pc. Software CD
1 pc. T-Allen Key
1 pc. 12 slots microtube rotor (Pre-installed)
12 pcs Adaptors for 0.4/0.5 mL Tubes
12 pcs Adaptors for 0.1/0.2 mL Tubes
1 pc. User Manual
1 pc. Warranty Card

Ordering Information

Cat. No.	Description
CR-1512	CAPPRondo Mini Centrifuge 15000 RPM/15595 x g, for 12x 1.5/2.0 mL tubes
CR-15-PCR	PCR strip rotor for CAPPRondo CR-1512 w/ reduction adaptors, 1 pc.

CAPP Rondo

PCR PLATE CENTRIFUGE

The CAPP Rondo CR-22P PCR Plate Centrifuge is a compact centrifuge for spinning down samples in PCR plates. This modern PCR Plate Centrifuge is compatible with both 96-well plates and 384-well plates.

Features

- Maintenance-free brushless DC motor
- Modern microprocessor-controlled centrifuge with variable speed and time setting and last run memory feature
- P1/P2 program feature
- Lid-lock safety mechanism prevents access to the rotor while it is spinning
- Automatic imbalance detection protects the centrifuge from running with an uneven load
- Intuitive and precise volume/speed adjustment via a digital interface with soft-touch buttons
- Small footprint and low loading height for maximum space saving

Rotor for 2 PCR Plates
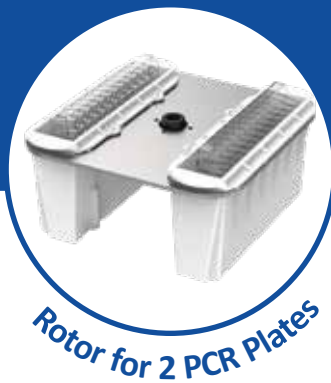
Ordering Information

Specifications

Specifications	
Speed	500- 2500 RPM / 462 x g (max RCF)
Speed accuracy	±100 RPM
Motor type	Brushless DC motor
Rotor capacity	2 PCR plates (96 and 384-well)
Time Setting	1 to 999 min. and infinite mode
Acceleration time	30 + 5 seconds
Deceleration time	20 + 5 seconds
Display	Yes
Dimensions (W x D x H)	330 x 265 x 161 mm
Weight	4kg (without rotor)
Power consumption	24 W

Cat No.	Description
CR-22P	CAPPRondo PCR Plate Centrifuge 2500 RPM/ 462 x g for 2x PCR plates

Scope of Delivery

1 pc. PCR Plate Centrifuge

1 pc. Power Adapter

1 pc. T-Allen Key

1 pc. Rotor for 2 PCR Plates

1 pc. User Manual

1 pc. Warranty Card

1 pc. User Manual

CAPP *Rondo*

UNIVERSAL CENTRIFUGE

CAPP Rondo Universal Centrifuge has been developed after much research on user feedback and expectations. Occupying a minimal amount of bench space, it offers powerful and efficient centrifugation while maintaining high performance over a long time of use.

Features

- Wide range of rotor options include both swing-out and fixed-angle rotors for versatile applications
- Emergency Lid Release provides safe lid opening if power is lost
- Imbalance detection with auto cutoff feature
- Nine acceleration/deceleration modes allow a smooth start/stop to protect sensitive samples
- Intelligent airflow system that prevents sample overheating during centrifugation
- User-friendly interface with a digital display for easy monitoring of multiple parameters
- Functions – last run memory / countdown timer / quick spin / RPM/RCF speed setting / error display / customised programs

Specifications

Speed	500 - 4500 RPM / RCF varies per rotor type	**Programmable**	Yes, up to 99 programs
Speed Accuracy	± 100 RPM	**Noise Level**	<65 dB
Motor Type	Brushless DC motor (BLDC)	**Imbalance Detection**	Yes
Rotor Capacity	400 mL (4x100 mL)		
Display	Yes, LED Display	**Rotors (optional)**	Multiple rotor options (swing-out and fixed-angle rotors)
Time Setting	from 1 to 99 mins and infinite mode	**Dimensions (W x D x H)**	585 x 475 x 325 mm
Min. Acceleration Time	30 sec.	**Weight**	23kg (without rotor)
Min. Deceleration Time	30 sec.	**Power Consumption**	300 W

Scope of Delivery

1 pc. Universal Centrifuge	1 pc. Grease Tube
1 pc. Power Adapter	1 pc. User Manual
1 pc. T-Allen Key	1 pc. Warranty Card

CR-43-50-4

4 x 50 mL
swing out rotor, with
stainless steel tubes,
RCF 3485 x g

CR-43-50-4F

4 x 50 mL
fixed angle rotor,
with stainless steel
tubes, RCF 2644 x g

CR-43-100

4 x 100 mL
swing out rotor with
Bio Safety Cap,
RCF 3164 x g

CR-43-100F

4 x 100 mL
fixed-angle rotor
RCF 2559 x g

CR-43-15

16 x 15 mL swing out
rotor with stainless steel
tubes RCF 3485 x g

CR-43-15F-16

16 x 15 mL
fixed-angle rotor
RCF 3144 x g

CR-43-PL

2 x plate
swing out rotor
RCF 2355 x g

CR-43-15F-24

24 x 15 mL
fixed-angle rotor
RCF 2852 x g

CR-43-06

32 x 6mL
swing rotor
RCF 3164 x g

Ordering Information

Cat. No.	Description
CRC-432X	CAPPRondo Universal Centrifuge (up to 4 x 100 mL)
Rotor options	
CR-43-50-4	4 x 50 mL swing out rotor, with stainless steel tubes, RCF 3485 x g
CR-43-100	4 x 100 mL swing out rotor with Bio Safety Cap, RCF 3164 x g
CR-43-15	16 x 15 mL swing out rotor with stainless steel tubes, RCF 3485 x g
CR-43-PL	2 x plates swing out rotor, RCF 2355 x g
CR-43-06	32 x 6 mL swing out rotor, RCF 3164 x g
CR-43-50-4F	4 x 50 mL fixed angle rotor, with stainless steel tubes, RCF 2644 x g
CR-43-100F	4 x 100 mL fixed-angle rotor, RCF 2559 x g
CR-43-15F-16	16 x 15 mL fixed-angle rotor, RCF 3144 x g
CR-43-15F-24	24 x 15 mL fixed-angle rotor, RCF 2852 x g
CR-43-06	32 x 6mL swing rotor, RCF 3164 g (includes 32 x 6mL SS tubes dia.13 mm, length 100 mm)

Important note – Each rotor has a range of optional tube adaptors.
Go to: www.CAPP.dk/product/CAPProndo-universal-centrifuge to see the full overview of all adaptors available.

CAPP Rondo

CLINICAL CENTRIFUGE

CAPP Rondo Clinical Centrifuge is a compact and reliable low-speed centrifuge, ideal for blood centrifuge applications involving volumes below 15 mL. It stands out in its category for having great features that ensure an easy-to-use, reliable, safe performance.

Features

- Rotor capacity of up to 8 x 15 mL tubes on a fixed-angle rotor
- Smart airflow design reduces noise
- Precise RPM setting with increments from 100 RPM and setting from 500-6500 RPM
- Built with a long-life brushless DC motor and a microprocessor
- Can accommodate widely used blood collection tubes due to included adaptors for 5 mL, 7mL, 1.5 mL and 2 mL tubes
- Digital display with speed and timer indicator
- Automatic imbalance detection
- Lid lock safety – lid opens automatically after the operation is completed
- Functions – countdown timer / RPM/RCF speed setting / error display

Rotor

Specifications

Speed	500 - 6500 RPM / 3873 x g (max. RCF)
Speed Accuracy	±100 RPM
Motor Type	Brushless DC Motor
Time Setting	1 to 30 min and infinite mode
Imbalance Detection	Yes
Noise Level	< 60 dB
Acceleration Time	43 ± 2 sec.
Deceleration Time	40 ± 2 sec.
Display	Yes
Dimensions (W x D x H)	244 x 260 x 203 mm
Weight	4kg (with rotor)
Power Consumption	100 W

Scope of Delivery

1 pc. Clinical Centrifuge
1 pc. 8-slots Fixed Angle Rotor (Pre-installed)
1 pc. Power Adapter
1 pc. T-Allen Key
8 pc. Reduction Adaptors
8 pc. Tube Holder and Rubber Cap
1 pc. User Manual
1 pc. Warranty Card

Ordering Information

Cat. No.	Description
CRC-658	CAPPRondo Clinical Centrifuge 6500 RPM / 3.873 x g for 8 x 15 mL

CAPP Rondo

With multiple rotor options, and maximum speed of 4000 RPM, the versatile CAPPRondo Clinical Centrifuge accommodates a wide range of sample sizes. It is carefully designed with a compact footprint to occupy less desktop space, without losing functionality. Features such as its motorised latch, favourite mode, microprocessor-controlled motor all result in a superbly easy-to-use piece of equipment

Features
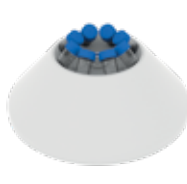
- Brushless DC motor enables maintenance-free and long-lasting operation
- Microprocessor-controlled with variable speed and time setting
- Safe operation thanks to automatic imbalance detection
- Compact design with low loading height allows an easy operation
- Precise RPM setting from 500 to 4000 RPM in steps of 10 RPM
- Safety lid brake, preventing the lid from opening until the rotor has completely stopped
- The user can program up to 99 individual protocols
- Functions – Short Spin operation / change from RPM to RCF / last run memory

Specifications

Speed	500-4000 RPM / RCF varies per rotor	Display	Yes
Speed Accuracy	± 10 RPM	Dimensions (W x D x H)	381 x 480 x 185 mm
Time Setting	1-999 minutes and infinite mode	Weight	8.2kg (without rotor)
Imbalance Detection	Yes	Power Consumption	90 W
Noise level	≤65 dB (A)		

Rotor Types (optional)

Rotor Type		Rotor Type		Rotor Type	
Swing out		Fixed angle		Fixed angle	
Capacity 6x10 mL		**Capacity** 8x15 mL		**Capacity** 16x10 mL	
Max RCF 2270 x g		**Max RCF** 1950 x g		**Max RCF** 2180 x g	

Ordering Information

Scope of Delivery

1 pc. Clinical Centrifuge
1 pc. Power Adapter
Reduction Adaptors
Tube Holder
1 pc. User Manual
1 pc. Warranty Card

Cat No.	Description
CRC-416X	CAPPRondo Clinical Centrifuge 4000 RPM
CRC-4-8	Fixed angle rotor of CRC-416X for 8 x 15 mL tubes
CRC-4-16	Fixed angle rotor of CRC-416X for 16 x 10 mL tubes
CRC-4-6S	Swing-out rotor of CRC-416X for 6 x 10 mL tubes

CAPP Rondo

REFRIGERATED CENTRIFUGE

The CAPP Rondo Refrigerated Centrifuge is a high-performance centrifuge for spinning samples in a controlled low-temperature environment of up to -20°C (±4°C). Using this centrifuge, molecular biology samples such as antibodies, DNA, RNA, and PCR, among others, can be processed with ease.

Features

• Comes with 4 interchangeable rotor options for flexible sample handling and easy customisation

• Brushless, maintenance-free DC motor runs at high speeds of up to 15000 RPM, delivering a smooth, high-speed performance with no maintenance required

• Refrigerated benchtop centrifuge maintains a stable temperature throughout the run, even at high speeds, with its built-in refrigeration system

• Flexible run timer offers exceptional versatility - from 30 seconds to 999 minutes - suitable for many protocols

• Up to 99 user-defined programs of four lines each

• Imbalance detection feature and lid lock safety mechanism for secure operation every time

• Silent operaton

• Functions - countdown timer / RPM/RCF speed setting / error display

Specifications

Speed	500-15000 RPM / RCF varies per rotor	**Display**	Yes, backlit LCD
Speed Accuracy	± 100 RPM	**Time Setting**	30 sec.- 999 min.
Motor Type	Brushless DC	**Temperature Range**	- 20°C to 40 °C
Rotor Capacity	24 x 1.5 / 2 ml micro tubes / 44 x 1.5 / 2 ml micro tubes / 8 x 5 ml / 4 PCR strips	**Temperature Accuracy**	± 1 °C
Imbalance Detection	Yes	**Dimensions (W x D x H)**	325 x 720 x 305 mm
Noise Level	<60 dB	**Weight**	43kg

Scope of Delivery

1 pc. Refrigerated Centrifuge	1 pc. Grease Tube
1 pc. Power Adapter	1 pc. User Manual
Adaptors for 0.4/0.5 mL Tubes	1 pc. Warranty Card
Adaptors for 0.1/0.2 mL Tubes	

CR-15-44

Fixed angle rotor for 44x 1.5 mL/ 2.0 mL microtubes

CR-15-24

Fixed angle rotor for 24x 1.5 mL/ 2.0 mL microtubes

CR-15-8

Fixed angle rotor for 8x 5.0 mL microtubes

CR-15-4

Fixed angle rotor for 4 strips of 8x 0.2 mL/ 0.5 mL PCR tubes
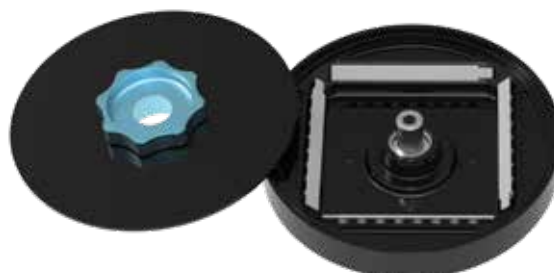
Ordering Information

Cat No.	Description
CR-1544R	CAPPRondo Refrigerated Centrifuge 15000 RPM, 220V
CR-15-44	Fixed angle rotor for 44x 1.5 mL/ 2.0 mL MT, 22388 x g
CR-15-24	Fixed angle rotor for 24x 1.5 mL/ 2.0 mL MT, 21420 x g
CR-15-8	Fixed angle rotor for 8x 5.0 mL MT, 18462 x g
CR-15-4	Fixed angle rotor for 4 strips of 8x 0.2 mL/ 0.5 mL PCR tubes, 15397 x g

CAPP *Rondo*

GEL CARD CENTRIFUGE

The CAPPRondo Gel Card Centrifuge is designed for universal compatibility, making it suitable for use with all standard gel cards. It is an very good choice for hospitals, blood banks and laboratories.

Features

- This excellent centrifuge is capable of holding up to 12 gel cards simultaneously and is compatible with a wide variety of Gel Cards
- Favourite Mode allows users to set up and store up to 99 user-defined programs
- For enhanced safety, the CAPPRondo Gel Card Centrifuge features a lid lock mechanism that secures the lid during operation
- Safe operation thanks to automatic imbalance detection
- Microprocessor-controlled centrifuge with variable speed and time setting
- The brushless DC motor enables maintenance-free and long-lasting operation
- Compact design with low loading height for easy operation
- Precise RPM setting from 500 to 2200 RPM in steps of 10 RPM
- Safety lid brake, preventing the lid from opening until the rotor has completely stopped
- Functions - last run memory / RPM/RCF speed setting / short spin

Specifications

Speed	500-2200 RPM / RCF varies	Noise Level	< 65 dB (A)
Speed Accuracy	± 100 RPM	Time Setting	1 to 999 mins and Infinite mode
Motor Type	Brushless DC Motor	Display	Yes
Rotor Capacity	12 Gel cards	Dimension (W x D x H)	381 x 480 x 185 mm
Acceleration Time	35 ± 5 seconds	Weight	8.3kg
Deceleration Time	50 ± 5 seconds	Power Consumption	48 W

Ordering Information

Cat. No.	Description
CRC-212GC	CAPP Rondo Gel Card Centrifuge 2200 RPM

Scope of Delivery

1 pc. Gel Card Centrifuge
1 pc. Power Adapter
1 pc. T-Allen Key
Reduction Gel Card Plate
Gel Card Holder
1 pc. User Manual
1 pc. Warranty Card

CAPP Rondo

PLATFORM SHAKER

The CAPPRondo Platform Shaker offers efficient mixing with a durable, maintenance-free design for extended use.

Features

• Offers multiple programmable modes, such as motion direction, speed, time, dwell time, sequence and loop operation

• Different optional attachment platforms and clamps make it possible to use almost all shapes and sizes of vessels

• The Auto Power On option ensures operation continues for the remaining time after a power failure

Specifications

Speed	50-300 RPM	**Platform Size**	330 x 330 mm
Orbital Diameter	20 mm	**Protection Class**	IP 21
Motion	Orbital/Linear	**Programmable Features**	Up to 6 programs, each with 9 sub-programs
Motor Type	Brushless DC motor		
Max. Loading Capacity	7.5kg (with attachment)	**Programmable Looping**	Yes
Time Setting	1 min to 99 hours and 59 mins	**Dimensions (W x D x H)**	408 x 350 x 99 mm
Noise Level	< 60 dB	**Weight**	10 kg
Digital Display	Yes	**Power Consumption**	24 W

Ordering Information

Cat. No.	Description
CRP-3X	CAPPRondo Platform Shaker ø 20 mm
CRP-U	Universal Platform with Adjustable Bars (Flask capacity 9 x 250 mL, 6 x 500 mL)
CRP-D	Disk Attachment Base Plate with Slip-resistant Tray
CRP-C9-250	Base Plate with 9 Plastic Clamps: 9 x 250 mL
CRP-C9-500	Base Plate with 9 Plastic Clamps: 9 x 500 mL
CRP-F	Funnel Attachment
CRP-CS9-250	Base Plate with 9 Stainless Steel Clamps: 9 x 250 mL
CRP-CS9-500	Base Plate with 9 Stainless Steel Clamps: 9 x 500 mL
CRP-CS-100	Stainless Steel Clamp for 100 mL Flask
CRP-CS-150	Stainless Steel Clamp for 150 mL Flask
CRP-CS-250	Stainless Steel Clamp for 250 mL Flask
CRP-CS-500	Stainless Steel Clamp for 500 mL Flask
CRP-CS-1000	Stainless Steel Clamp for 1000 mL Flask

Scope of Delivery

1 pc. Platform Shaker
1 pc. Power Adapter
1 pc. Spanner
1 pc. User Manual
1 pc. Warranty Card

CRP-U

CRP-D

CRP-C9-250

CRP-C9-500

CRP-F

CRP-CS9-250

CRP-CS9-500

CRP-CS-250

CAPP *Rondo*

The CAPP Rondo Plate Shaker is an ideal choice of microplate shaker for any test environment. It combines high performance and exceptional user-friendliness in a compact format. It saves valuable space and is ideal for use in cold rooms or incubators.

Features

- Comes with interchangeable clamps that provide universal fitting for different microplates
- Microprocessor-controlled for higher accuracy
- The in-built counterbalance ensures a stable, quiet and long-life operation
- Easy and spill-free loading and removal of plates
- Provided with an accessory tube platform to accommodate 20 microtubes of 1.5/2 mL
- Compact footprint saves valuable space, ideal for use in cold rooms or incubators (5 to 40°C)
- Variable Speed and Timer Setting
- Rubber suction cups for stable operation

Tube foam adaptor

Clamp set

Specifications

Speed	300- 1800 RPM
Orbital Diameter	2 mm (orbital motion)
Motor Type	Brushless DC
Time Setting	1 to 99 min and infinite mode
In-built Counterbalance	Yes
Noise Level	<60 dB
Digital Display	Yes
Dimensions (W x D x H)	127 x 86 x 85 mm
Weight	1.4kg
Power Consumption	9 W

Scope of Delivery

1 pc. Single Plate Shaker
1 pc. Power Adapter
Clamp Sets
O-Rings
1 pc. MCT Foam Attachment
1 pc. User Manual
1 pc. Warranty Card

Ordering **Information**

Cat. No.	Description
CRP-18X	CAPPRondo plate shaker, 300 to 1800 RPM

CAPP Rondo

4-PLACE PLATE SHAKER

CAPPRondo 4-Place Plate Shaker is the perfect solution for efficiently and thoroughly mixing up to four individual microplates of various types at once. Its precise 3 mm orbital motion delivers exceptional mixing performance, ensuring consistent results with every use.

Features

- Shaker is compatible with all commonly used skirted microplates
- Pulse mode for continuous mixing in both clockwise and counterclockwise directions
- Microprocessor controlled for efficient performance even under high load
- Last run feature
- Rubber O-rings ensure an ultimate grip for all four plates
- Digital display gives the user an overview of the speed and time settings
- Easy access to all 4 plates for easy loading and unloading

Specifications

Speed	200 - 1200 RPM	**Digital Display**	Yes
Orbital Diameter	3 mm	**Platform Size**	274 x 188 mm
Motion	Orbital	**Protection Class**	IP 21
Motor Type	BLDC motor	**Noise Level**	<60 dB
Time Setting	1 to 99 mins and infinity mode	**Dimensions (W x D x H)**	267 x 393 x 105 mm
Pulse Mode	Yes, clockwise and counter clockwise	**Weight**	4.91kg
Capacity	Up to 4 microplates	**Power Consumption**	36 W

Ordering Information

Cat No.	Description
CRP-412X	CAPPRondo 4-Place Plate Shaker 1200 RPM

Scope of Delivery

1 pc. 4-Place Plate Shaker
1 pc. Power Adapter
1 pc. O-Ring
1 pc. User Manual
1 pc. Warranty Card

CAPP *Rondo*

4-PLACE INCUBATING SHAKER

The CAPPRondo 4-Place Incubation Shaker provides thorough mixing and even heating for 96/384-well microplates. This innovative microprocessor-controlled incubating shaker can be used in a wide spectrum of life science applications including immunochemistry protocols, biochemical analyses, cell culture protocols, microarrays, and more.

Features

- High-performance maintenance-free DC motor with extended run times (from 1 to 99 minutes and beyond)

- Large capacity for 4 x 96/384 microplates

- Pulse mode for continuous clockwise and counterclockwise mixing of samples in microplates

- Incubation shaker with a simple design for easy access to all 4 plates and effortless cleaning and maintenance

- Temperature control from ambient 3°C to 70 °C

- Last run feature

- Rubber O-rings ensure the ultimate grip for all four plates

Specifications

Speed	200-1200 RPM	**Time Setting**	1 to 99 hours 59 min and infinite
Motion	3mm, Orbital	**Pulse Mode**	Programmable (clockwise and counterclockwise)
Motor Type	Brushless DC	**Display**	Yes
Capacity	4 Microplates	**Dimensions (W x D x H)**	267 x 361 x 155 mm
Temperature Range	Ambient 3°C to 70°C	**Weight**	8.45kg
Temperature Stability/Accuracy	±0.5°C	**Power Consumption**	264 W

Ordering Information

Cat. No.	Description
CRPI-412X	CAPPRondo 4-Place Incubating Shaker

Scope of Delivery

1 pc. 4-Place Incubating Shaker
1 pc. Power Adapter
1 pc. O-Ring
1 pc. User Manual
1 pc. Warranty Card

CAPP Rondo

CAPP Rondo 3D Shaker operates at a variable speed range from 10 to 120 RPM. Driven by a brushless DC motor it ensures stable, quiet and maintenance-free operation, making it the right choice for applications requiring extended run sessions.

Features

• With an operational capacity of 5kg, the three-dimensional rocking and tumbling motion provides thorough homogenous mixing

• The user can save up to 9 individual protocols

• To assure total stability on the bench the shaker is equipped with non-slip rubber feet and comes with a spiked rubber mat

• Accessories - Spiked rubber mat (included), Sticky pad mat (optional: Cat. No. CR3-08X-0001)

Specifications

Speed	10-120 RPM in steps of 1 RPM	**Time Setting**	1-999 minutes or infinite
Load Capacity	5kg incl. attachment	**Protection Class**	IP 21
Motor	BLDC (Brushless DC motor)	**Display**	Yes
Movement	Tumbling in fixed angle ± 7°	**Dimensions (W x D x H)**	392 x 268 x 197 mm
Plate Dimensions	350 x 350 mm	**Weight**	7kg
Pulse Mode	Yes, progammable	**Power Consumption**	17 W

Ordering Information

Cat. No.	Description
CR3-08X	CAPPRondo 3D Shaker

Scope of Delivery

1 pc. 3D Shaker
1 pc. Power Adaptor
1 pc. Spiked Rubber Mat
1 pc. User Manual
1 pc. Warranty Card

CAPP Rondo

MAGNETIC STIRRER

The CAPP Rondo Magnetic Stirrer is a compact, high-performance device. It features a durable stainless steel top surface that resists moderate contamination of harsh chemicals, making it suitable for a variety of lab environments.

Features
- Adjustable speed and timer
- Last run memory feature
- Pulse mode works for 30 seconds in each direction, for improved mixing
- Wear-free driven without any moving parts
- Innovative, water spill resistant design is IP 65 compliant
- Slim profile of just 16.5 mm thick
- Easy-to-use control pad with user-friendly interface
- Flat surface for ease of cleaning

Specifications

Speed	15 to 1500 RPM	Time Setting	1 to 99 minutes and infinite mode
Load Capacity	800 mL (H20)	Pulse Function	Yes, auto direction change, withtime interval of 30 sec.
Plate Material	Stainless Steel	Dimensions (W x D x H)	124 x 191 x 16.5 mm
Plate Diameter	94 mm	Weight	500g
Recommended Stir Bar Length	25 mm	Power Consumption	5 W
Digital Display	Yes		

Ordering Information

Cat. No.	Description
CRS-15X	CAPPRondo Magnetic Stirrer 1500 RPM w/ 1 stirring bar

Scope of Delivery

1 pc. Magnetic Stirrer
1 pc. Inbuilt Power Adapter
1 pc. Stirring Bar
1 pc. User Manual
1 pc. Warranty Card

Important note – to maximise the performance of your CAPPRondo Magnetic Stirrer, we recommend that you use our original Teflon coated, 25 mm high strength stirring bar. One unit is supplied with each instrument. Contact your local distributor to order more.

CAPP *Rondo*

The CAPP Rondo Magnetic Stirrer a compact liquid mixing device designed for excellent stirring of liquids of various viscosities. The space efficient design allows for a broad scope of usage environments ranging from normal workbenches to laminar-flow cabinets, hoods, and cold rooms.

Features

- Compact magnetic stirrer with a large volume capacity (up to 10L)
- Portable mixer that can be easily moved around the laboratory
- Intuitive single-knob operation provides plug-and-play setup for maximum efficiency and minimum set up
- Space-efficient dimensions are tailored for confined laboratory spaces such as hoods, cabinets and cold rooms

Specifications

Speed	400 – 2200 RPM	**Protection class**	IP 21
Load Capacity	10L (H_2O)	**Time Setting**	Continuous operation
Motor Type	DC Motor	**Dimensions (W x D x H)**	248 x 156 x 92 mm
Plate Material	Enamel coated stainless steel plate	**Weight**	1.5kg
Plate Diameter	140 mm	**Power Consumption**	15W

Ordering Information

Cat. No.	Description
CRS-21A	CAPPRondo Analogue Magnetic Stirrer

Scope of Delivery

1 pc. Analogue Magnetic Stirrer
1 pc. Stirring Bar
1 pc. User Manual
1 pc. Warranty Card

CAPP Rondo

MAGNETIC HOTPLATE STIRRER

The CAPP Rondo Magnetic Hotplate Stirrer has a load capacity of 10 litres and comes with a ceramic-coated stainless steel plate and a powerful motor, enabling it to deliver constant speed even under varying load conditions.

Features

• Microprocessor-controlled, ensuring precise, stable and reliable operation for consistent performance

• To increase user comfort, the CAPP Rondo Magnetic Hotplate Stirrer is equipped with a large display that clearly presents all critical parameters, ensuring easy visibility and seamless operation

• This stirrer has an ultra-compact design, making it an excellent space-saving solution for your laboratory bench without compromising functionality

• Keypad lock to prevent accidental changes of parameters

Accessories included - CRS-21H-P (temperature probe) and CRS-21H-S (stand)

Specifications

Speed	200- 2200 RPM, in steps of 10 RPM	Time Setting	1-999 mins and continuous
Load Capacity	10L (H20)	Pulse Mode	Yes
Motor Type	DC	Digital Display	Yes
Plate Material	Stainless steel top with ceramic coating	Dimensions (W x D x H)	156 x 248 x 104 mm
Plate Diameter	140 mm	Weight	2.0kg
Temperature Range	from Ambient to 320°C	Power Consumption	620 W
Protection Class	IP 21		

Ordering Information

Cat. No.	Description
CRS-21H	CAPPRondo Magnetic Hotplate Stirrer 2200 RPM, 320°C ceramic, 220V

Scope of Delivery

1 pc. Magnetic Hotplate Stirrer

1 pc. Temperature Probe

1 pc. Probe Attachment Stand

1 pc. Power Cord

1 pc. Stirring Bar

1 pc. User Manual

1 pc. Warranty Card

CAPP *Rondo*

HOTPLATE STIRRER

The CAPP Rondo Hotplate Stirrer is packed with a ton of useful improvements designed to make scientists more productive and efficient in their liquid handling protocols.

Features

- Equipped with an intuitive microprocessor-driven control panel consisting of a large digital display, touch buttons and smooth rotational dial
- Heating plate with long-lasting and chemical-resistant nano-crystalline glass ceramic coating provides a constant heat transfer
- Six intelligent heating modes facilitate regulation of the thermal conditions of each run
- Powerful motor ensures constant speed with changing loads
- Highly resistant and solid body, can even withstand strong chemicals
- Functions - last run memory / progammable puls mode
- Small footprint to save valuable bench space
- Keypad lock to prevent accidental changes of parameters
- Accessories included - CRS-21H-P (temperature probe) and CRS-21H-S (stand)
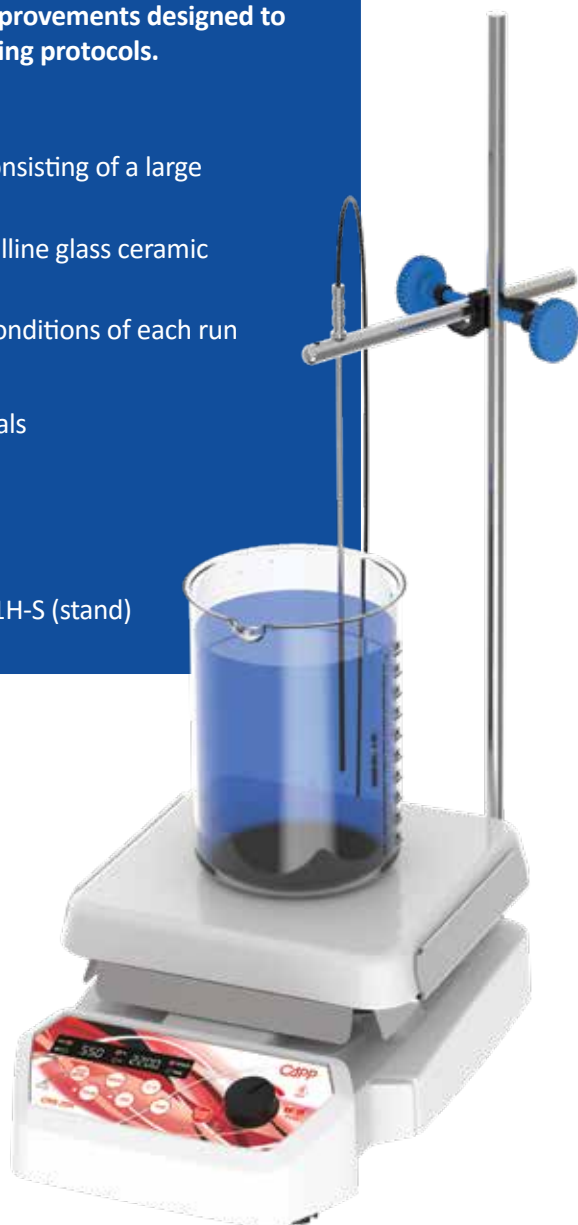
Specifications

Speed	200-2200 RPM in 10 RPM steps
Load Capacity	20L (H2O)
Heating Temperature Range	Ambient to 550°C (±1°C)
Safety Temperature Limit	575°C
Plate Material	Nano-crystalline glass ceramic
Plate Dimensions	180 x 180 mm
Over-temperature Protection	Yes
Time Setting	1 to 999 min and infinite
Pulse Mode	Yes, programmable with run-pause-run function
Recommended Stir Bar Length	25 mm
Protection Class	IP 21
Dimensions (W x D x H)	313 x 205 x 110 mm
Weight	4.9kg
Power Consumption	1000 W

Ordering Information

Cat. No.	Description
CRS-22H	CAPPRondo Hotplate Stirrer 2200 RPM, 550°C ceramic, 220V

Scope of Delivery

1 pc. Hotplate Stirrer
1 pc. Temperature Probe
1 pc. Probe Attachment Stand
1 pc. Power Cord
1 pc. Stirring Bar
1 pc. User Manual
1 pc. Warranty Card

CAPP Rondo

TUBE ROLLER

CAPP Rondo Tube Roller ensures efficient mixing of blood samples, viscous substances and liquid-solid suspensions. The programmable pulse mode feature with Run-Pause-Run motion and variable time setting from 30 to 99 seconds, gives the user additional flexibility and improves the mixing process.

Features

- With a focus on increased user comfort and minimising the risk of contamination, CAPP Rondo Tube Roller has easily removable and autoclavable rollers

- Compact footprint will optimise your bench space

- CAPPRondo Tube Roller is also suitable for use in incubators in temperatures up to 40°C and humidity up to 80%

- Adjustable roller spacing to accommodate different tube diameters

- Allows the user to set up to 9 user-defined programs for optimised user comfort

- Circular movement for gentle mixing with a tilt angle of 3 degrees

Specifications

Speed	10 to 80 RPM, in steps of 1 RPM	**Removable Rollers**	Yes
Speed Accuracy	± 5 RPM	**Tilt Angle**	+/-3°
Motor	Brushless DC motor	**Protection Class**	IP21
Motion	Rocking and rolling	**Pulse Mode**	Yes, programmable with run-pause-run function
Load Capacity	2kg	**Dimensions (W x D x H)**	505 x 293 x 90 mm
Number Of Tubes	Up to 15 x 7mL blood tubes	**Weight**	5.5kg
Time Setting	1 to 99 mins and infinite	**Power Consumption**	6 W
Operation Type	Continuous and timed operation		

Ordering Information

Cat. No.	Description
CRR-08X	CAPPRondo Tube Roller 80 RPM

Scope of Delivery

1 pc. Tube Roller
1 pc. Power Adaptor
1 pc. User Manual
1 pc. Warranty Card

CAPP Rondo

DISC TUBE ROTATOR

The advanced CAPP Rondo Disc Tube Rotator is designed for optimal performance, drawing on extensive research and valuable user feedback. Equipped with a maintenance-free BLDC motor, this rotator delivers quiet, efficient, and reliable operation.

Features

• Microprocessor-controlled, offering intelligent performance that includes a convenient last run memory feature for added ease of use

• Allows up to 9 user-defined programs for optimised user comfort

• A digital display is included for convenient and easy-to read monitoring of all operational parameters, enhancing usability

• The rotator's angle can be adjusted from 0° to 90°, to accommodate a wide range of experimental preferences

2 mL   15 mL   50 mL

Specifications

Speed	10-80 RPM, in steps of 1 RPM
Speed Accuracy	± 1 RPM
Motor	BLDC motor
Load Capacity	Up to 2kg
Capacity (supplied with one chosen disc plate)	12 tubes x 50 mL 24 tubes x 15 mL 44 tubes x 2 mL
Time Setting	1-99 mins and infinite
Pulse Mode	Yes, clockwise and anticlockwise motion with 2 sec stops
Protection class	IP 21
Digital Display	Yes
Dimensions (W x D x H)	383 x 325 x 325 mm
Weight	4.5 kg
Power Consumption	4.5 W

Scope of Delivery

1 pc. Disc Tube Rotator
1 pc. Power Adaptor
1 pc. User Manual
1 pc. Warranty Card

Ordering Information

Cat. No.	Description
CRR-0800D	CAPPRondo Disc Tube Rotator (Order plate rotator separately)
CRR-0800D-D50	50 mL disc plate with tube holder
CRR-0800D-D15	15 mL disc plate with tube holder
CRR-0800D-D05	2 mL / 5 mL disc plate with tube holder
CRR-0800D-TH50	50 mL tube holder
CRR-0800D-TH15	15 mL tube holder
CRR-0800D-TH05	2 mL / 5 mL tube holder
CRR-0800D-FN	Front Nut
CRR-0800D-PA	Power Adaptor

CAPP *Rondo*

PLATE TUBE ROTATOR

The CAPP Rondo Plate Tube Rotator delivers exceptional performance, ensuring both convenience and reliability. Equipped with a brushless DC motor that operates quietly, it requires no maintenance, and is really built to last.

Features

- With its microprocessor control, the CAPPRondo Plate Tube Rotator allows for variable speed settings
- Users can programme and save up to 9 customised programs for efficient operation
- Supports three plate options, accommodating 16 tubes of 50 mL, 35 tubes of 15 mL, or 55 tubes of 2 mL, providing versatility for various applications
- The auto power-on feature which ensures that the rotator automatically resumes and completes the run after a power failure

Specifications

Speed	10-80 RPM, in steps of 1 RPM
Speed Accuracy	± 1 RPM
Motor	BLDC motor
Load Capacity	1.5kg
Capacity (supplied with any one chosen disc plate)	16 tubes x 50 mL 35 tubes x 15 mL 55 tubes x 2 mL
Time Setting	1-99 mins and infinite
Pulse Mode	Yes, clockwise and anticlockwise motion with 2 sec stops
Protection class	IP 21
Angle of Disc Plate	Adjustable from 0-90 degrees
Digital Display	Yes
Dimensions (W x D x H)	540 x 274 x 186 mm
Weight	4.5kg
Power Consumption	4.5 W

Scope of Delivery

1 pc. Plate Tube Rotator
1 pc. Power Adaptor
1 pc. User Manual
1 pc. Warranty Card

Ordering Information

Cat. No.	Description
CRR-0800P	CAPPRondo Plate Tube Rotator 80 RPM (plate rotator must be ordered separately)
CRR-0800P-P50	50 mL plate rotator (with clamps)
CRR-0800P-P15	15 mL plate rotator (with clamps)
CRR-0800P-P02	2 mL plate rotator (with clamps)
CRR-0800P-C50	50 mL clamp
CRR-0800P-C15	15 mL clamp
CRR-0800P-C02	2 mL clamp
CRR-0800P-FN	Front nut
CRR-0800P-PA	Power adaptor

CAPP *Wash*

Whether you work in a research or clinical laboratory, the compact CAPPWash Microplate Washer is the ideal washing tool for small scale immuno assays.
Fitting into even the tightest budget, it is the perfect alternative to dependence on department washers for washing microplates and strips.

Features

• Performs uniformly and efficiently every time

• Washing is simple – lower the tubes into the well, push the knob to fill and release the knob to empty. Repeat for desired number of washings and move on to the next row

• Matches all well types – the washer can be set to the desired depth by simply adjusting the two finger screws found on either side of the tubes

• CAPPWash is available in 8-channel, 12-channel and 16-channel models

• Produced from high-grade stainless steel and polypropylene, the washer is fully autoclavable as well as highly resistant to aggressive chemicals.

• Unique two-in-one design whereby each tube consists of an inner tube that releases the distilled water washing solution into the wells for rinsing, while the outer tube vacuums away the liquid upon completion of the washing procedure

• The vacuum pump is available for 115V and 230V connections

• No programming required

• No electrical wiring connection

Ordering Information

Cat. No.	Description
W-8	CAPPWash 8-channel
W-12	CAPPWash 12-channel
W-16	CAPPWash 16-channel
WP-115V	Vacuum pump 115V
WP-230V	Vacuum pump 230V
WB-1	Bottle for washing solution
WB-3	Waste collection bottle
WB-4	Vacuum trap
WB-1000	Silicon Tubing (1 metre). Recommended to order 3 metres

Pell EX PellPLUS

COMPATIBILITY CHART

The compatibility chart above is for your reference. We are not responsible for technical modifications or changes made to the mentioned pipettes. Specifications like inaccuracy and imprecision values have not been checked.

Legend:
- ■ compatible
- x not compatible

Column groups:

- **CAPP** — Bravo / ecopipette / CAPPAero / CAPPMaestro / CAPP Tronic / CAPP5olo — single and multi channel pipettes (single channel: 0.2–2 µL, 0.5–10 µL, 2–20 µL, 5–50 µL, 10–100 µL, 20–200 µL, 100–1000 µL, 1000–5000 µL, 1000–10000 µL; multi channel: 0.5–10 µL, 2–20 µL, 5–50 µL, 10–100 µL, 20–200 µL, 30–300 µL, 100–1200 µL, 500–5000 µL)
- **Gilson** — Pipetman / Pipetman G — single and multi channel pipettes (single channel: 0.2–2 µL, 0.5–10 µL, 2–20 µL, 10–100 µL, 20–200 µL, 100–1000 µL, 500–5000 µL, 1000–10000 µL; multi channel: 10 µL, 20 µL, 200 µL, 300 µL)
- **Eppendorf** — Research Plus / Reference 2 / Xplorer / X Plus — single and multi channel pipettes (single channel: 0.2–2 µL, 0.5–10 µL, 2–20 µL (grey), 2–20 µL (yellow), 10–100 µL, 20–200 µL, 100–1000 µL, 500–5000 µL, 1000–10000 µL; multi channel: 10 µL, 100 µL, 300 µL)
- **Brand** — Transferpette, Transferpette S — single and multi channel pipettes (single channel: 0.5–10 µL, 2–20 µL, 10–100 µL, 20–200 µL, 100–1000 µL, 1000–5000 µL; multi channel: 10 µL, 100 µL, 200 µL, 300 µL)
- **Thermo** — Finnpipette F1 / F2 / F3 / Novus — manual single and multi channel and electronic single and multi channel pipettes (manual single channel: 0.5–10 µL pink, 0.5–10 µL yellow, 2–20 µL turquoise, 2–20 µL yellow, 10–100 µL, 20–200 µL, 100–1000 µL, 1000–5000 µL, 1000–10000 µL; manual multi channel: 10 µL, 100 µL; electronic single channel: 0.5–10 µL, 20–200 µL; electronic multi channel: 300 µL)

Description	Cat. No.
CAPP EXPellPlus Low Retention Pipette Tips	
EXPellPlus 10 µL, clear	5030010C
EXPellPlus 10µl XL, extra narrow	5030041C
EXPellPlus 200 µL, clear	5030070C
EXPellPlus 1000 µL, clear	5030130C
CAPP EXPellPlus Low Retention Filter Tips	
EXPellPlus 10 µL, w/ filter, clear, sterile	5030030C
EXPellPlus 10 µL XL, extra narrow, w/ filter, clear, sterile	5030061C
EXPellPlus 20 µL, w/ filter, clear, sterile	5030062C
EXPellPlus 100 µL, w/ filter, clear, sterile	5030066C
EXPellPlus 200 µL, w/ filter, clear, sterile	5030090C
EXPellPlus 300 µL, w/ filter, clear, sterile	5030115C
EXPellPlus 1000 µL, w/ filter, clear, sterile	5030150C
EXPellPlus 1250 µL XL, w/filter, clear, sterile	5030123C
CAPP EXPell Pipette Tips	
EXPell 10 µL, clear	5030015C
EXPell 10 µL, clear, sterile	5030016C
EXPell 10 µL, clear	5130010C
EXPell 10 µL XL, extra narrow, clear	5030046C
EXPell 10 µL XL, extra narrow, clear, sterile	5030047C
EXPell 10 µL XL, extra narrow, clear	5130041C
EXPell 200 µL, clear	5030075C
EXPell 200 µL, clear	5130070C
EXPell 200 µL, clear, sterile	5030076C
EXPell 200 µL, yellow	4130075C
EXPell 300 µL, clear	5130105C
EXPell 300 µL, clear	5130100C
EXPell 1000 µL, clear	5130135C
EXPell 1000 µL, clear	5130130C
EXPell 1000 µL, blue	4130135C
EXPell 1000 µL, clear, sterile	5130140C
EXPell 1250 µL XL, clear	5130121C
EXPell 1250 µL XL, clear	5130120C
EXPell 1250 µL XL, clear, sterile	5130122C
EXPell 5000 µL, clear	5130160C
EXPell 5000 µL, clear	5130161C
EXPell 10000 µL, clear	5130190C
EXPell 10000 µL, clear	5130191C

COMPATIBILITY CHART

EX Pell / Pell PLUS

Brands and Pipettes (column headers)

- **CAPP** — Bravo / ecopipette / CAPPAero / CAPPMaestro / CAPP Tronic / CAPPSolo — single and multi channel pipettes
- **Gilson** — Pipetman / Pipetman G — single and multi channel pipettes
- **Eppendorf** — Research Plus / Reference 2 / Xplorer / X Plus — single and multi channel pipettes
- **Brand** — Transferpette, Transferpette S — single and multi channel pipettes
- **Thermo** — Finnpipette F1 / F2 / F3 / Novus — manual single and multi channel and electronic single and multi channel pipettes

Descriptions and Cat. No.

CAPP EXPell Filter Tips

Description	Cat. No.
EXPell 10 µL, w/ filter, clear, sterile	5130030C
EXPell 10 µL, w/ filter, clear	5131030C
EXPell 10 µL XL, extra narrow w/ filter, clear, sterile	5130061C
EXPell 10 µL XL, extra narrow w/ filter, clear	5131061C
EXPell 20 µL, w/ filter, clear, sterile	5130062C
EXPell 20 µL, w/ filter, clear	5131062C
EXPell 100 µL, w/ filter, clear, sterile	5130066C
EXPell 100 µL, w/ filter, clear	5131066C
EXPell 200 µL, w/ filter, clear, sterile	5130090C
EXPell 200 µL, w/ filter, clear	5131090C
EXPell 300µL, sterile w/ filter, clear	5130115C
EXPell 1000 µL, w/ filter, clear, sterile	5130150C
EXPell 1000 µL, w/ filter, clear	5131150C
EXPell 1250 µL XL, w/ filter, clear, sterile	5130123C

CAPP EXPell and EXPellPlus individually wrapped Pipette Tips

Description	Cat. No.
EXPellPlus 10 µL, clear, sterile, indiv. wrapped	5030012C
EXPellPlus 200 µL, clear, sterile, indiv. wrapped	5030072C
EXPell 1000 µL, clear, sterile, indiv. wrapped	5130132C

CAPP EXPell and EXPellPlus Filter Tips in PaperBox Racks

Description	Cat. No.
EXPellPlus 10 µL, w/ filter, clear, sterile	5030029C
EXPellPlus 10 µL XL, extra narrow, w/ filter, clear, sterile	5030059C
EXPellPlus 20 µL, w/ filter, clear, sterile	5030063C
EXPellPlus 100 µL, w/ filter, clear, sterile	5030064C
EXPellPlus 200 µL, w/ filter, clear, sterile	5030089C
EXPellPlus 300 µL, w/ filter, clear, sterile	5030114C
EXPell 1000 µL w/ filter, clear, sterile	5130149C
EXPell 1250 µL XL, w/ filter, clear, sterile	5130119C

CAPP EXPell Pipette Tips Reload System

Description	Cat. No.
EXPell 10 µL, clear, reload	5030035C
EXPell 10 µL XL, extra narrow, clear, reload	5030055C
EXPell 200 µL, clear, reload	5030095C
EXPell 300 µL, clear, reload	5130111C
EXPell 1000 µL, clear, reload	5130155C

Legend:
- ■ compatible
- X not compatible

EXPellPLUS
Pell

COMPATIBILITY CHART

Manufacturer / pipette column groups (left to right):

- **Sa Xto Xius** — P Xoline Plus / Picus / Biohit / MLine / Tacta / e300 — manual single-channel and elect Xonic single and multi channel pipettes
- **HTL** — Labmate P Xo (same as Labnet BioPette) — manual single and multi channel pipettes
- **Hamilton** — Softg Xip — manual single and multi channel pipette
- **IKA** — IKA PETTE Va Xio / Multi / Fix — manual single and multi channel pipette
- **Nichi Xyo** — Nichipet P Xemium / EX II / EXII Multi — manual single and multi channel pipette
- **Soco Xex** — Soco Xex Acu Xa — manual single and multi channel pipette

Desc Xiption	Cat. No.
CAPP EXPellPlus Low Retention Pipette Tips	
EXPellPlus 10 µL, clea X	5030010C
EXPellPlus 10µl XL, ext Xa na X Xow	5030041C
EXPellPlus 200 µL, clea X	5030070C
EXPellPlus 1000 µL, clea X	5030130C
CAPP EXPellPlus Low Retention Pipette Tips	
EXPellPlus 10 µL, w/ fiilte X, clea X, ste Xile	5030030C
EXPellPlus 10 µL XL, ext Xa na X Xow, w/ fiilte X, clea X, ste Xile	5030061C
EXPellPlus 20 µL, w/ fiilte X, clea X, ste Xile	5030062C
EXPellPlus 100 µL, w/ fiilte X, clea X, ste Xile	5030066C
EXPellPlus 200 µL, w/ fiilte X, clea X, ste Xile	5030090C
EXPellPlus 300 µL, w/ fiilte X, clea X, ste Xile	5030115C
EXPellPlus 1000 µL, w/ fiilte X, clea X, ste Xile	5030150C
EXPellPlus 1250 µL XL, w/fiilte X, clea X, ste Xile	5030123C
CAPP EXPell Pipette Tips	
EXPell 10 µL, clea X	5030015C
EXPell 10 µL, clea X, ste Xile	5030016C
EXPell 10 µL, clea X	5130010C
EXPell 10 µL XL, ext Xa na X Xow, clea X	5030046C
EXPell 10 µL XL, ext Xa na X Xow, clea X, ste Xile	5030047C
EXPell 10 µL XL, ext Xa na X Xow, clea X	5130041C
EXPell 200 µL, clea X	5030075C
EXPell 200 µL, clea X	5130070C
EXPell 200 µL, clea X, ste Xile	5030076C
EXPell 200 µL, yellow	4130075C
EXPell 300 µL, clea X	5130105C
EXPell 300 µL, clea X	5130100C
EXPell 1000 µL, clea X	5130135C
EXPell 1000 µL, clea X	5130130C
EXPell 1000 µL, blue	4130135C
EXPell 1000 µL, clea X, ste Xile	5130140C
EXPell 1250 µL XL, clea X	5130121C
EXPell 1250 µL XL, clea X	5130120C
EXPell 1250 µL XL, clea X, ste Xile	5130122C
EXPell 5000 µL, clea X	5130160C
EXPell 5000 µL, clea X	5130161C
EXPell 10000 µL, clea X	5130190C
EXPell 10000 µL, clea X	5130191C

Legend:
- ■ compatible
- X not compatible

The compatibility chart above is for your reference. We are not responsible for technical modifications or changes made to the mentioned pipettes. Specifications like inaccuracy and imprecision values have not been checked.

COMPATIBILITY CHART

EXPell / EXPellPLUS

The compatibility chart above is for your reference. We are not responsible for technical modifications or changes made to the mentioned pipettes. Specifications like inaccuracy and imprecision values have not been checked.
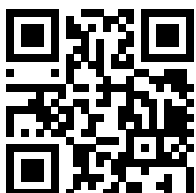
■ compatible
X not compatible

Manufacturer / Pipette Headers

- **Sa Xto Xius** — P Xoline Plus / Picus / Biohit / MLine / Tacta / e300 — manual single channel and elect Xonic single and multi channel pipettes
- **HTL** — Labmate P Xo (same as Labnet BioPette) — manual single and multi channel pipettes
- **Hamilton** — Softg Xip — manual single and multi channel pipette
- **IKA** — IKA PETTE Va Xio / Multi / Fix — manual single and multi channel pipette
- **Nichi Xyo** — Nichipet P Xemium / EX1 / EX1I Multi — manual single and multi channel pipette
- **Soco Xex** — Soco Xex Acu Xa — manual single and multi channel pipette

Table (Description / Cat. No.)

Description	Cat. No.
CAPP EXPell Filte X Tips	
EXPell 10 µL, w/ filte X, clea X, ste Xile	5130030C
EXPell 10 µL, w/ filte X, clea X	5131030C
EXPell 10 µL XL, ext Xa na X Xow, w/ filte X, clea X, ste Xile	5130061C
EXPell 10 µL XL, ext Xa na X Xow, w/ filte X, clea X	5131061C
EXPell 20 µL, w/ filte X, clea X, ste Xile	5130062C
EXPell 20 µL, w/ filte X, clea X	5131062C
EXPell 100 µL, w/ filte X, clea X, ste Xile	5130066C
EXPell 100 µL, w/ filte X, clea X	5131066C
EXPell 200 µL, w/ filte X, clea X, ste Xile	5130090C
EXPell 200 µL, w/ filte X, clea X	5131090C
EXPell 300µl, ste Xile w/ filte X, clea X	5130115C
EXPell 1000 µL, w/ filte X, clea X, ste Xile	5130150C
EXPell 1000 µL, w/ filte X, clea X	5131150C
EXPell 1250 µL XL, w/ filte X, clea X, ste Xile	5130123C
CAPP EXPell and EXPellPlus individually w Xapped Pipette Tips	
EXPellPlus 10 µL, clea X, ste Xile, indiv. w Xapped	5030012C
EXPellPlus 200 µL, clea X, ste Xile, indiv. w Xapped	5030072C
EXPellPlus 1000 µL, clea X, ste Xile, indiv. w Xapped	5030132C
CAPP EXPell and EXPellPlus Flite X Tips in Pape XBox Racks	
EXPellPlus 10 µL, w/ filte X, clea X, ste Xile	5030029C
EXPellPlus 10 µL XL, ext Xa na X Xow, w/ filte X, clea X, ste Xile	5030059C
EXPellPlus 20 µL, w/ filte X, clea X, ste Xile	5030063C
EXPellPlus 100 µL, w/ filte X, clea X, ste Xile	5030064C
EXPellPlus 200 µL, w/ filte X, clea X, ste Xile	5030089C
EXPellPlus 300 µL, w/ filte X, clea X, ste Xile	5030114C
EXPell 1000 µL w/ filte X, clea X, ste Xile	5130149C
EXPell 1250 µL XL, w/ filte X, clea X, ste Xile	5130119C
CAPP EXPell Pipette Tips Reload System	
EXPell 10 µL, clea X, Xeload	5030035C
EXPell 10 µL XL, ext Xa na X Xow, clea X, Xeload	5030055C
EXPell 200 µL, clea X, Xeload	5030095C
EXPell 300 µL, clea X, Xeload	5130111C
EXPell 1000 µL, clea X, Xeload	5130155C

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