

CAPP

Liquid Handling Consumables



Masters of precision

CAPP

Consumables

More than 25 years of expertise as a pipette manufacturer gives **CAPP** the necessary know-how to select and design premium consumables that match the expectations of the strictest laboratory customers.

CAPP consumables consist of pipette tips, serological pipettes, centrifuge tubes, PCR and cryogenic products, fulfilling the needs of research, diagnostics and analytical laboratories.

All **CAPP** laboratory consumables are made of ultimate quality plastics with extra polished interior and clearly visible markings, assuring they will work perfectly not only in combination with **CAPP** instruments, but also secure premium results when used with other brands' equipment.



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EX Pell and EX PellPLUS

FILTER TIPS

Filter tips are primarily used to prevent cross-contamination on critical applications such as in the field of Molecular Biology.

More than 25 years of expertise as a pipette manufacturer gives **CAPP** the necessary know-how to select and design tips that match the expectations of the strictest customers.

Premium filter

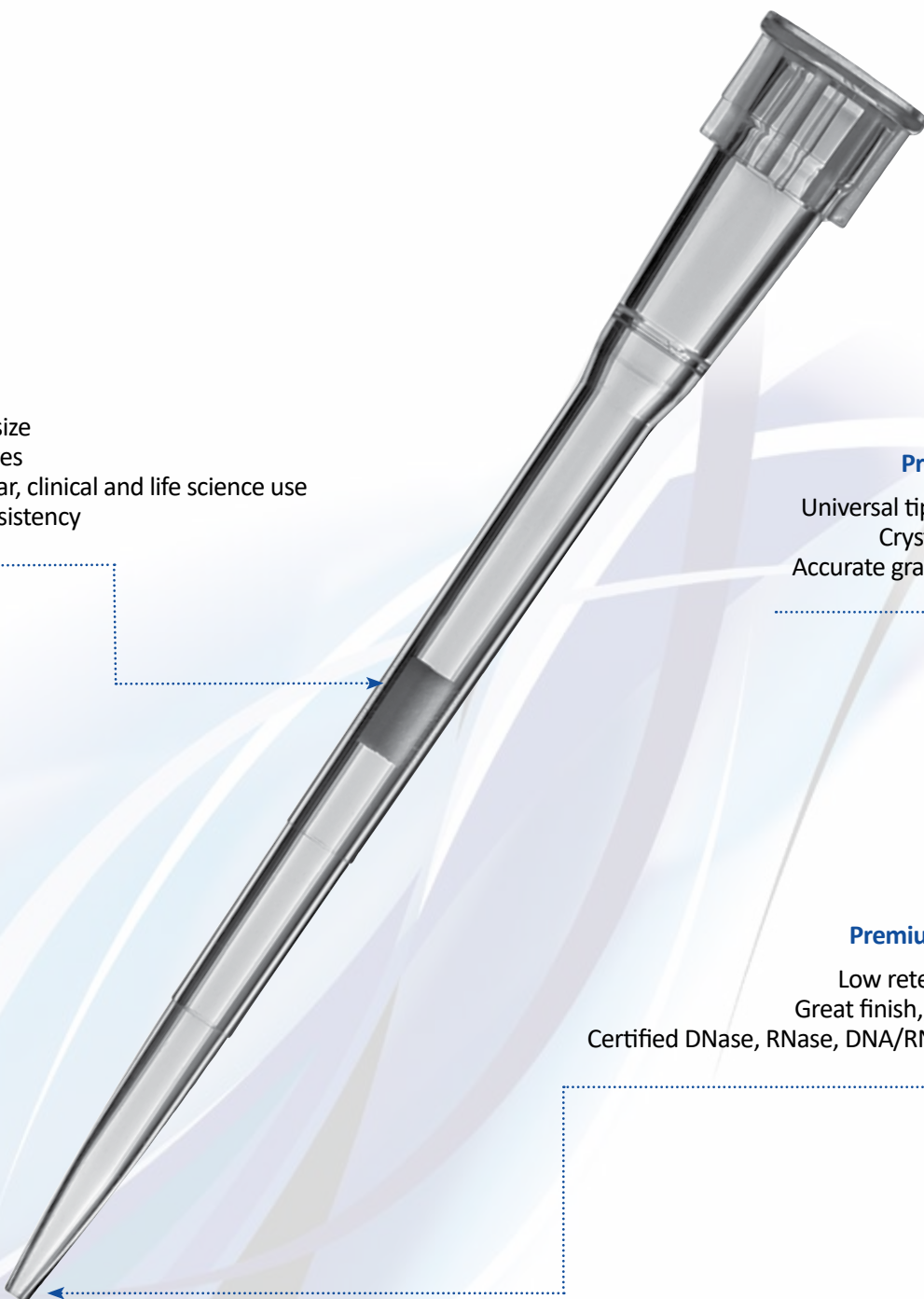
Controlled pore size
No use of additives
Pure for molecular, clinical and life science use
Dimensional consistency

Premium design

Universal tip compatibility
Crystal clear clarity
Accurate graduation marks

Premium specifications

Low retention properties
Great finish, flash-free orifice
Certified DNase, RNase, DNA/RNA, Pyrogen Free



CAPP offers a wide range of high quality tips to fulfill the pipetting needs of research, diagnostics and analytical laboratories.

Premium design

- Universal compatibility to the great majority of pipette brands on the market
- Different lengths within the same volume range for different applications
- Crystal clear clarity and increment marks for convenience of use

Premium portfolio

- Select from **EXPELLPlus** low retention or **EXPELL** standard (both of premium quality)
- Options of bulk, racked, racked-sterile, reloads, racked-sterile-filtered and bulk-filtered tips
- Different designs of tips within the same volume range to fit almost all pipettes available on the market

Premium manufacturing

- Absolutely no compromise made on the quality parameters
- Clean-room facility to eliminate the risk of contamination
- Certified RNase, DNase, DNA and Pyrogen free
- Superb quality, Swiss made injection molds
- Made from virgin polypropylene



Ordering Information

EXPELL and EXPellPlus Filter tips

Cat. No.	Description
5030030C	ExpellPlus 10µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130030C	Expell 10µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131030C	Expell 10µL, bag, w/ filter, 20x1000 pcs.
5030060C	ExpellPlus 10µL XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130060C	Expell 10µL XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131060C	Expell 10µL XL, bag, w/ filter, 20x1000 pcs.
5030061C	ExpellPlus 10µL XL, Extra Narrow, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130061C	Expell 10µL XL, Extra Narrow, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131061C	Expell 10µL XL, Extra Narrow, bag, w/ filter, 20x1000 pcs.
5030062C	ExpellPlus 20µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130062C	Expell 20µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131062C	Expell 20µL, bag, w/ filter, 10x1000 pcs.
5030066C	ExpellPlus 100µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130066C	Expell 100µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131066C	Expell 100µL, bag, w/ filter, 10x1000 pcs.
5030090C	ExpellPlus 200µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130090C	Expell 200µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131090C	Expell 200µL, bag, w/ filter, 10x1000 pcs.
5030115C	ExpellPlus 300µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130150C	Expell 1000µL, pre-sterile w/ filter, hinged racks, 4x8x96 pcs.
5131150C	Expell 1000µL, bag, w/ filter, 10x1000 pcs.
5130123C	Expell 1250µL XL, pre-sterile w/ filter, hinged racks, 4x8x96 pcs.

EXPELLPLUS

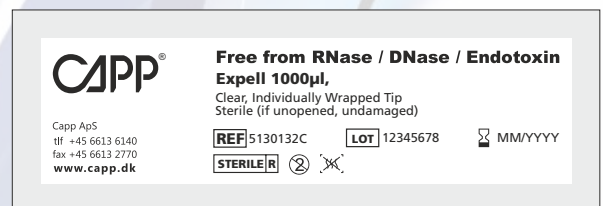
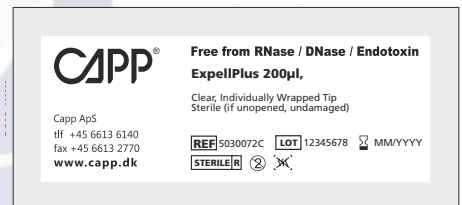
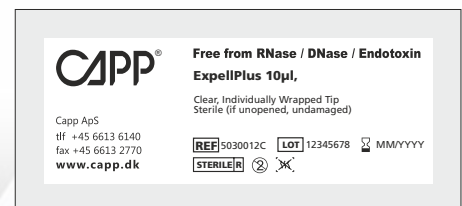
INDIVIDUALLY WRAPPED TIPS

EXPELLPLUS individually wrapped tips are ideal for sensitive applications requiring the strictest aseptic conditions.

Their unique individual packing ensures sterility for every single pipetting cycle, maximizing the exceptional performance of **EXPELLPLUS** sterile tips. Assuring the greatest purity standards, **EXPELLPLUS** individually wrapped tips are free from Endotoxin, DNA, DNase, RNase and PCR inhibitor.

Available in four volume sizes: 10µL standard and extended length, 200µL and 1000-1250µL, **EXPELLPLUS** individually wrapped tips are universally compatible with the majority of pipette brands available on the market. Thanks to the unique composition of plastic polymer, the inner surface of **EXPELLPLUS** individually wrapped tips is more hydrophobic, which significantly reduces sample adhesion. These low retention properties minimize sample binding inside the tip, making **EXPELLPLUS** tips ideal for applications requiring high accuracy and reproducibility.

EXPELLPLUS individually wrapped tips are sterile. Batch number and expiration date are printed on each individual wrap.



Ordering Information

Cat. No.	Description
5030012C	ExpellPlus 10µL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped tips
5030042C	ExpellPlus 10µL XL, pre-sterile, long, clear, bag, 5x400 pcs. individually wrapped tips
5030072C	ExpellPlus 200µL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped tips
5130132C	Expell 1000µL (1250µL), pre-sterile, clear, bag, 5x200 pcs. individually wrapped tips

EXPellPLUS

LOW RETENTION TIPS

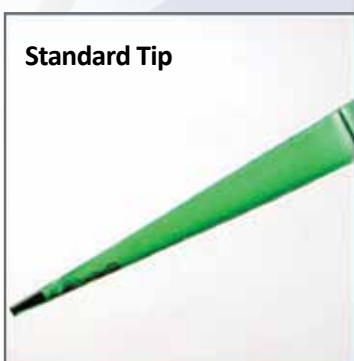
Thanks to the unique composition of the plastic polymer, **CAPP's** premium **EXPellPlus** low retention pipette tips have an ultra-smooth inner surface, minimizing any sample binding. The polymer composition along with the high quality Swiss molds, on which the tips are manufactured, enables **CAPP** to obtain the low retention properties without the use of any surface additives.

EXPellPlus low retention tips are ideal for pipetting viscous samples, which are normally difficult to dispense in full. Samples such as plasma, enzymes, foaming liquids, detergents, TRIS or BSA can be handled comfortably and without any waste with **CAPP** low retention tips. Additionally, **EXPellPlus** low retention tips can significantly reduce the waste of expensive reagents.

EXPellPlus low retention tips are the perfect choice for volumes below 1mL and help to improve the accuracy and

reproducibility of pipetting results. Even the smallest amount of liquid remaining in the tip after dispensing can have a negative impact on the pipetting results. **CAPP EXPellPlus** low retention tips are manufactured in a clean-room facility and are all RNase, DNase and Pyrogen free certified and sterile.

Below picture shows a comparison of the liquid remaining after dispensing in a standard tip and in an **EXPellPlus** low retention tip. **EXPellPlus** low retention tips are universally compatible with the majority of other pipette brands.



Ordering Information

EXPellPlus Low Retention Non-Filter Tips

Cat. No.	Description
5030010C	ExpellPlus 10µL, pre-sterile, clear, bag, 20x1000 pcs.
5030012C	ExpellPlus 10µL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5030020C	ExpellPlus 10µL, pre-sterile, hinged racks, 5x10x96 pcs.
5030040C	ExpellPlus 10µL XL, pre-sterile, clear, bag, 20x1000 pcs.
5030042C	ExpellPlus 10µL XL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5030050C	ExpellPlus 10µL XL, pre-sterile, hinged racks, 5x10x96 pcs.
5030051C	ExpellPlus 10ul XL, Extra Narrow, pre-sterile, hinged racks, 5x10x96 pcs.
5030070C	ExpellPlus 200µL, pre-sterile, clear, bag, 10x1000 pcs.
5030072C	ExpellPlus 200µL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5030080C	ExpellPlus 200µL, pre-sterile, hinged racks, 5x10x96 pcs.
5130110C	ExpellPlus 300µL, pre-sterile, hinged racks, 5x10x96 pcs.

EXPellPlus Low Retention Filter Tips

Cat. No.	Description
5030030C	ExpellPlus 10µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030060C	ExpellPlus 10µL XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030061C	ExpellPlus 10µL XL, Extra Narrow, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030062C	ExpellPlus 20µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030066C	ExpellPlus 100µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030090C	ExpellPlus 200µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030115C	ExpellPlus 300µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.

EX Pell and EX PellPLUS

RACKED TIPS

CAPP offers a wide portfolio of racked pipette tips. The racks are compatible with **CAPP** bulk tips of the corresponding volume sizes as well as with **CAPP** reload system. All **CAPP** racked pipette tips are manufactured on superb quality, Swiss-made injection molds ensuring a Premium quality.

The racked tips product portfolio covers filter, non-filter, sterile and non-sterile tips. On the top of that, **CAPP** racked tips are available as **EX Pell** standard quality and **EX PellPlus** low-retention tips.

Both versions are universally compatible with great majority of the pipette brands available on the market.

In order to support a wider range of applications, **CAPP** racked tips are available in different lengths within the same volume range. The autoclavable racks are packed in user-friendly and space-saving dispenser boxes, including 10 racks (for the majority of volume sizes) or 8 racks for the 1mL tips.

Made of virgin polypropylene, **CAPP** racked tips are RNase, DNase and Pyrogen free certified. The **EX PellPlus** racked tips have unique low retention properties, reducing sample binding to the minimum and significantly improving your pipetting results.





Ordering Information

Cat. No.	Description
5030015C	Expell 10µL, hinged racks, 5x10x96 pcs.
5030020C	ExpellPlus 10µL, pre-sterile, hinged racks, 5x10x96 pcs.
5030030C	ExpellPlus 10µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130030C	Expell 10µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030045C	Expell 10µL XL, hinged racks, 5x10x96 pcs.
5030046C	Expell 10µL XL, Extra Narrow, hinged racks, 5x10x96 pcs.
5030050C	ExpellPlus 10µL XL, pre-sterile, hinged racks, 5x10x96 pcs.
5030051C	ExpellPlus 10µL XL, Extra Narrow, pre-sterile, hinged racks, 5x10x96 pcs.
5030060C	ExpellPlus 10µL XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130060C	Expell 10µL XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030061C	ExpellPlus 10µL XL, Extra Narrow, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130061C	Expell 10µL XL, Extra Narrow, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030062C	ExpellPlus 20µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130062C	Expell 20µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030066C	ExpellPlus 100µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130066C	Expell 100µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030075C	Expell 200µL, hinged racks, 5x10x96 pcs.
5030080C	ExpellPlus 200µL, pre-sterile, hinged racks, 5x10x96 pcs.
5030090C	ExpellPlus 200µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130090C	Expell 200µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130105C	Expell 300µL, hinged racks, 5x10x96 pcs.
5130110C	ExpellPlus 300µL, pre-sterile, hinged racks, 5x10x96 pcs.
5030115C	ExpellPlus 300µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130135C	Expell 1000µL (1250µL), hinged racks, 4x8x96 pcs.
5130140C	Expell 1000µL (1250µL), pre-sterile, hinged racks, 4x8x96 pcs.
5130150C	Expell 1000µL, pre-sterile w/ filter, hinged racks, 4x8x96 pcs.
5130121C	Expell 1250µL XL, hinged racks, 4x8x96 pcs.
5130122C	Expell 1250µL XL, pre-sterile, hinged racks, 4x8x96 pcs.
5130123C	Expell 1250µL XL, pre-sterile w/filter, hinged racks, 4x8x96 pcs.
5130165C	Expell 5000µL, pre-sterile, racks, 10x50 pcs.
5130195C	Expell 10000µL, pre-sterile, racks, 10x25 pcs.



EXPell pipette tips reload system is available for 10µL standard and extended length as well as for the 200µL and 1000-1250µL tips. Depending on the tip volume, it consists of towers with 5 or 10 insert plates containing 96 tips each.

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

EXPell reload system enables multiple savings. It reduces the shipping cost significantly by cutting off up to 75% of the volume being shipped. The tips in an **EXPell** reload system are packed more compact compared to standard racked or bulk tips.

In the **EXPell** reload system the tips from the upper insert plate are partially placed into the tips of the lower plate, resulting in a slim tower, taking much less space than a single box with 10 racked tips.

CAPP EXPell reload system reduces the plastic waste. Each rack can be reused multiple times and apart from the insert plates with tips, there is no further plastic component in the **EXPell** reload system – only the recyclable carton packaging.

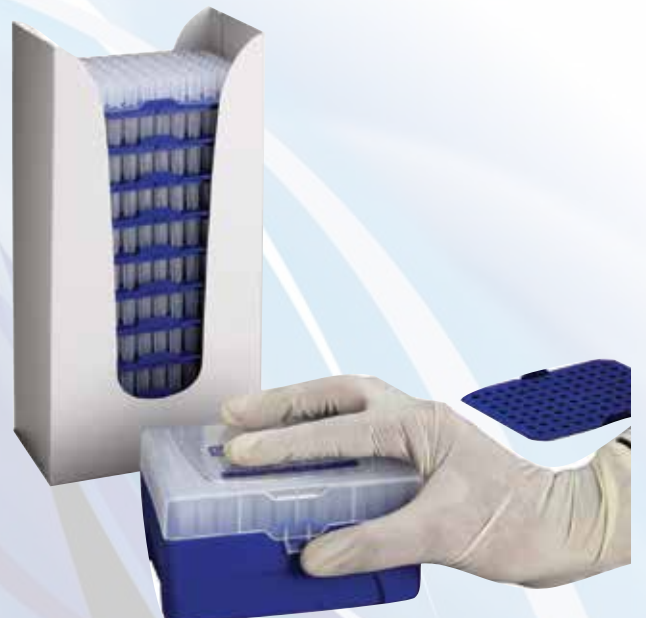
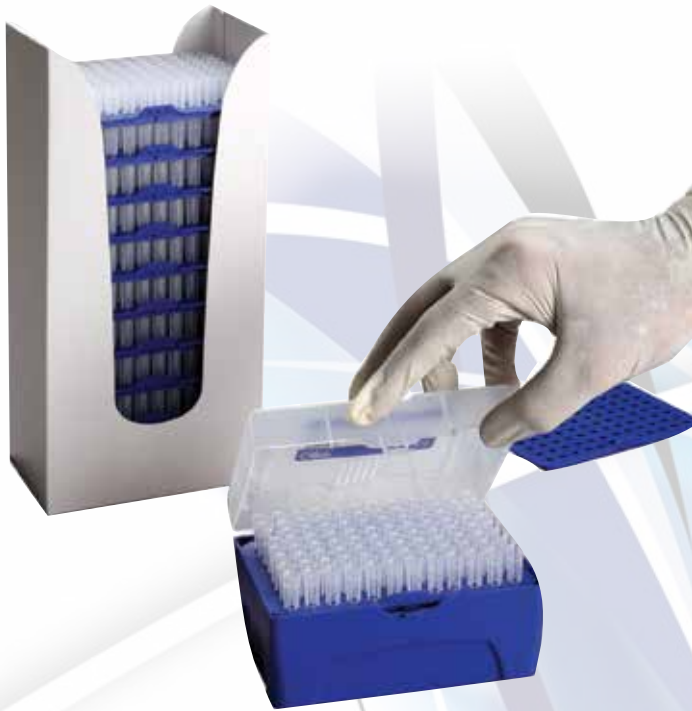
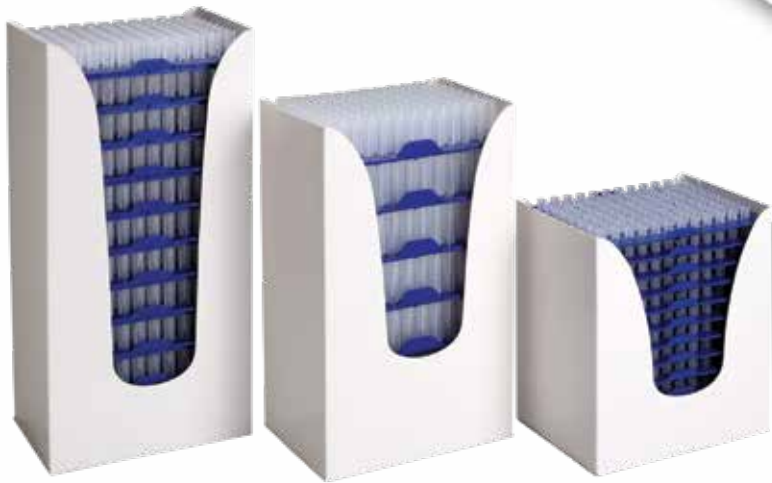
Further saving with **EXPell** reload system concerns the space. Thanks to the minimal footprint, the towers of the **EXPell** reload system take as less space on the benchtop and in the storage room as possible.

The system is compatible with all **CAPP** racks of corresponding tip volumes.

Spare, empty racks are available as accessories.

Ordering Information

Cat. No.	Description
5030035C	Expell 10µL, reload, 10x10x96 pcs.
5030034C	Empty rack for 10µL reload tips, 50 pcs.
5030095C	Expell 200µL, reload, 10x10x96 pcs.
5030094C	Empty rack for 200µL reload tips, 50 pcs.
5130155C	Expell 1000µL (1250µL), reload, 10x5x96 pcs.
5130125C	Empty rack for 1000µL (1250µL) reload tips, 32 pcs.



EX Pell and EX PellPLUS

BULK PIPETTE TIPS

EX Pell and **EX Pell Plus** Bulk tips come in self-standing and self-sealing plastic bags, enabling comfortable usage and storage.

The tips can be used directly from the bag or manually refilled into all **CAPP** racks. Each bag has a label showing the catalogue and the batch number for easier identification.

CAPP Bulk pipette tips are the ideal choice for cost-sensitive customers. The tips are manufactured under the same strict conditions as all other types of **CAPP** tips and are certified according to RNase, DNase, DNA and Pyrogen free standards. They offer universal compatibility with all major pipette brands on the market.



Ordering Information

EXPell Bulk Filter Tips

Cat. No.	Description
5131030C	Expell 10 μ L, bag, w/ filter, 20x1000 pcs.
5131060C	Expell 10 μ L XL, bag, w/ filter, 20x1000 pcs.
5131061C	Expell 10 μ L XL, Extra Narrow, bag, w/ filter, 20x1000 pcs.
5131062C	Expell 20 μ L, bag, w/ filter, 10x1000 pcs.
5131066C	Expell 100 μ L, bag, w/ filter, 10x1000 pcs.
5131090C	Expell 200 μ L, bag, w/ filter, 10x1000 pcs.
5131150C	Expell 1000 μ L, bag, w/ filter, 10x1000 pcs.

EXPell and EXPellPlus Bulk Non-filter Tips

Cat. No.	Description
5130010C	Expell 10 μ L, clear, bag, 20x1000 pcs.
5030010C	ExpellPlus 10 μ L, pre-sterile, clear, bag, 20x1000 pcs.
5030012C	ExpellPlus 10 μ L, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5130040C	Expell 10 μ L XL, clear, bag, 20x1000 pcs.
5030040C	ExpellPlus 10 μ L XL, pre-sterile, clear, bag, 20x1000 pcs.
5130041C	Expell 10 μ L XL, Extra Narrow, clear, bag, 20x1000 pcs.
5030042C	ExpellPlus 10 μ L XL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5130070C	Expell 200 μ L, clear, bag, 10x1000 pcs.
4130075C	Expell 200 μ L, yellow, bag, 10x1000 pcs.
5030070C	ExpellPlus 200 μ L, pre-sterile, clear, bag, 10x1000 pcs.
5030072C	ExpellPlus 200 μ L, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5130100C	Expell 300 μ L, clear, bag, 10x1000 pcs.
5130130C	Expell 1000 μ L (1250 μ L), clear, bag, 5x1000 pcs.
4130135C	Expell 1000 μ L (1250 μ L), blue, bag, 5x1000 pcs.
5130132C	Expell 1000 μ L (1250 μ L), pre-sterile, clear, bag, 5x200 pcs. individually wrapped
5130120C	Expell 1250 μ L XL, clear, bag, 4x1000 pcs.
5130160C	Expell 5000 μ L, clear, bag, 10x250 pcs.
5130190C	Expell 10000 μ L, clear, bag, 5x200 pcs.

EX Pell and EX PellPLUS

COMPATIBILITY CHART

For tips' compatibility with other pipette brands, please contact info@capp.dk



5130010C
5030010C
5030012C
5030015C
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5030030C
5130030C
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5130040C
5030040C
5030042C
5030045C
5030050C
5030055C

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5130060C
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5130041C
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CAPP Bravo, ecopipette and CAPP Aero single channel pipette	0.2-2µL 0.5-10µL	0.2-2µL 0.5-10µL	0.2-2µL 0.5-10µL	0.2-2µL 0.5-10µL	0.2-2µL 0.5-10µL	0.2-2µL 0.5-10µL	2-20µL	5-50µL 10-100µL
CAPP electronic pipettes and CAPP Aero multichannel	0.5-10µL 2-20µL	0.5-10µL 2-20µL	0.5-10µL 2-20µL	0.5-10µL 2-20µL	0.5-10µL 2-20µL	0.5-10µL 2-20µL	x	5-50µL 10-100µL
Biohit eline, mline, Proline Plus	0.1-3µL 0.5-10µL	0.1-3µL 0.5-10µL	0.1-3µL 0.5-10µL	0.1-3µL 0.5-10µL	0.1-3µL 0.5-10µL	0.1-3µL 0.5-10µL	2-20µL	2-20µL 10-100µL
Brand Transferpette, Transferpette S, Transferpette Electronic	0.5-10µL	0.5-10µL	0.5-10µL	0.5-10µL	0.5-10µL	0.5-10µL	2-20µL	x
Eppendorf Reference, Research Plus	0.1-2.5µL 0.5-10µL	0.5-10µL	0.1-2.5µL 0.5-10µL	0.1-2.5µL 0.5-10µL	0.1-2.5µL 0.5-10µL	0.1-2.5µL 0.5-10µL	2-20µL	2-20µL 10-100µL
Finnpipette Digital	0.5-10µL	0.5-10µL	0.5-10µL	0.5-10µL	0.5-10µL	0.5-10µL	2-20µL	5-50µL
Gilson Pipetman	0.2-2µL 1-10µL	0.2-2µL 1-10µL	0.2-2µL 1-10µL	0.2-2µL 1-10µL	0.2-2µL 1-10µL	0.2-2µL 1-10µL	2-20µL	2-20µL 10-100µL
Rainin Classic, universal shaft (non LTS)	0.1-2µL 0.5-10µL	0.1-2µL 0.5-10µL	0.2-2µL 1-10µL	0.1-2µL 0.5-10µL	0.2-2µL 1-10µL	0.1-2µL 0.5-10µL	2-20µL	2-20µL 10-100µL
VWR, Labnet, HTL mechanical pipettes	0.1-2µL 0.5-10µL	0.1-2µL 0.5-10µL	0.2-2µL 1-10µL	0.1-2µL 0.5-10µL	0.2-2µL 1-10µL	0.1-2µL 0.5-10µL	2-20µL	2-20µL 10-100µL

EX Pell and EX Pell PLUS

COMPATIBILITY CHART

For tips' compatibility with other pipette brands, please contact info@capp.dk



5130070C 5030070C 5030072C 4130075C 5030075C 5030080C 5030095C	5030090C 5130090C 5131090C	5130100C 5130105C 5130110C	5030115C	5130130C 5130132C 4130135C 5130135C 5130140C 5130155C	5130150C 5131150C	5130120C 5130121C 5130122C	5130123C	5130160C 5130165C	5130190C 5130195C
2-20µL 5-50µL 10-100µL 20-200µL	2-20µL 5-50µL 10-100µL 20-200µL	2-20µL 5-50µL 10-100µL 20-200µL	2-20µL 5-50µL 10-100µL 20-200µL	100-1000µL	100-1000µL	100-1000µL	100-1000µL	1-5mL	1-10mL
5-50µL 10-100µL 20-200µL	5-50µL 10-100µL 20-200µL	5-50µL 10-100µL 20-200µL 30-300µL	5-50µL 10-100µL 20-200µL 30-300µL	100-1200µL	100-1200µL	100-1200µL	100-1200µL	500-5000µL	x
2-20µL 10-100µL 20-200µL	10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	100-1000µL	100-1000µL	100-1000µL	100-1000µL	x	1-10mL
2-20µL 10-100µL 20-200µL	20-200µL	20-200µL 15-300µL	20-200µL 15-300µL	100-1000µL	100-1000µL	100-1000µL	100-1000µL	x	x
2-20µL 10-100µL 20-200µL	20-200µL	10-100µL 20-200µL 30-300µL	10-100µL 20-200µL 30-300µL	100-1000µL	100-1000µL	100-1000µL	100-1000µL	x	1-10mL
2-20µL 5-50µL 20-200µL	5-50µL 20-200µL	5-50µL 20-200µL 30-300µL	5-50µL 20-200µL 30-300µL	100-1000µL 200-1000µL	100-1000µL 200-1000µL	100-1000µL 200-1000µL	100-1000µL 200-1000µL	x	x
2-20µL 20-100µL 50-200µL	2-20µL 10-100µL 20-200µL	2-20µL 20-100µL 50-200µL	2-20µL 20-100µL 50-200µL	100-1000µL 200-1000µL	100-1000µL 200-1000µL	100-1000µL 200-1000µL	100-1000µL 200-1000µL	1-5mL	1-10mL
2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	100-1000µL	100-1000µL	100-1000µL	100-1000µL	1-5mL	1-10mL
2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	100-1000µL	100-1000µL	100-1000µL	100-1000µL	1-5mL	1-10mL

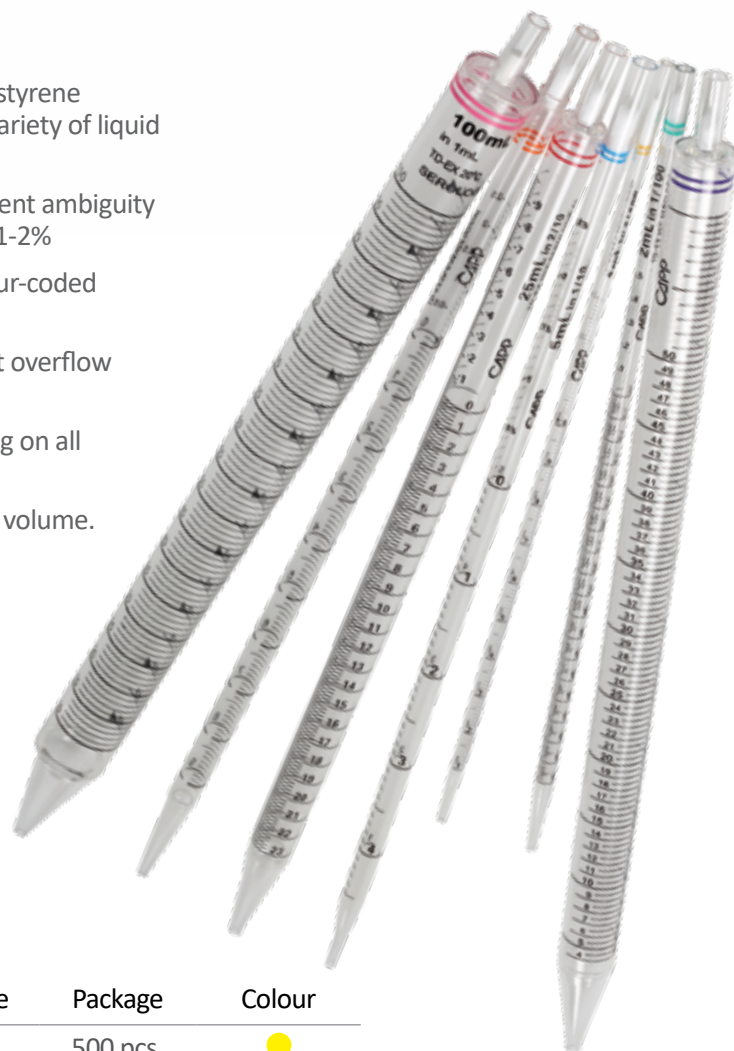
CAPP *Harmony*

SEROLOGICAL PIPETTES

CAPP *Harmony* Serological Pipettes are made from transparent medical-grade polystyrene sterilized by gamma irradiation. Each lot is tested for endotoxins (C.5 Eu/MI) (ISO T0993-11) and Cytotoxicity (ISO 10993-5) and are guaranteed non-haemolytic (ISO 10993-4). Ideal for use within tissue culture applications.

Features:

- Designed for accurate and rapid fluid dispensing, these polystyrene pipettes are sterile, pyrogen-free and cotton-plugged for a variety of liquid handling applications
- The sharp, black, highly legible permanent graduations prevent ambiguity and guarantee precise reading and accurate dispensing to +1-2%
- Pipettes are supplied individually wrapped in fibre-free colour-coded paper and plastic combination that is easy to open
- Each pipette comes with an effective filter barrier to prevent overflow of liquid into pipette
- Reverse graduations show the volume removed or remaining on all pipettes larger than 1mL.
- Generous negative graduations provide additional pipetting volume.
- The uniform mouth piece fits all major pipettors and is colour-coded for ease of identification



Ordering Information

Cat. No.	Description	Volume	Package	Colour
SP-1-C	CAPPHarmony Serological pipette	1mL	500 pcs.	Yellow
SP-2-C	CAPPHarmony Serological pipette	2mL	500 pcs.	Green
SP-5-C	CAPPHarmony Serological pipette	5mL	200 pcs.	Blue
SP-10-C	CAPPHarmony Serological pipette	10mL	200 pcs.	Orange
SP-25-C	CAPPHarmony Serological pipette	25mL	150 pcs.	Red
SP-50-C	CAPPHarmony Serological pipette	50mL	100 pcs.	Purple
SP-100-C	CAPPHarmony Serological pipette	100mL	50 pcs.	Pink

BluCAPP

CENTRIFUGE TUBES

Designed to cover the everyday need for sample storage and centrifugation in the lab, the **BluCAPP Centrifuge Tubes** feature easy-to-read graduations as well as a large writing area (20x50mm).

Features:

- The leak-proof caps have large ridges to provide the optimal grip when wearing gloves
- Combined with the 3/4 turn closure, it significantly increases speed and allows one-handed operation
- Made from polypropylene, the **BluCAPP Centrifuge Tubes** are autoclavable and tested to endure up to 16.000 RCF



Ordering Information

Cat. No.	Description
5100015C	BluCAPP Centrifuge Tubes, 15mL, pre-sterile, 20x25 pcs.
5100050C	BluCAPP Centrifuge Tubes, 50mL, pre-sterile, 20x25 pcs.
5100060C	BluCAPP Centrifuge Tubes, 50mL, pre-sterile, self-standing, 20x25 pcs.

EXPell Cryo Tubes

Superior by Design™

CAPP offers a unique portfolio of cryo tubes in 5 sizes: 0.5mL, 1.0mL, 2.0mL, 4.0mL and 5.0mL.

EXPell Cryo Tubes are designed with a focus on the best user experience and convenience. Featured with single-handed QuickSeal™ closure, the external thread design allows tightening or removal with only half a turn. These are one of the only cryo tubes with external thread and star foot which can be stored in 10x10 cryo boxes, saving up to 23% storage capacity compared to conventional cryo solutions. They are also compatible with common workstations on the market.

Both the caps and the cryo tubes are made of specially formulated polypropylene, having the same coefficient of expansion and therefore enhancing the leak-proof qualities at various temperatures.

EXPell Cryo Tubes come packed in resealable stand-up pouches, saving benchtop space. They are suitable for storage in the vapour phase of liquid nitrogen.

Coloured cap inserts. Available in 6 colours: red, blue, white, purple, green and yellow. Made of PP, for easy tube recognition.

Lip seal cap design ensures that the tubes are **leak proof**

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

SuperStraight™ 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 **SuperStraight™ design** gives up to **23% extra storage capacity** when used with the 10x10 cryo boxes

QuickSeal™ design for single handed operation. Tighten or open it with only half a turn!

Red line indicating the maximum recommended filling level for freezing in liquid nitrogen in the vapour phase at -196°C

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 0,5mL, 10x100 pcs.
5041000C	Expell Cryo Tube 1,0mL, 10x100 pcs.
5042000C	Expell Cryo Tube 2,0mL, 10x100 pcs.
5044000C	Expell Cryo Tube 4,0mL, 5x100 pcs.
5045000C	Expell Cryo Tube 5,0mL, 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
504V000C	Violet 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 Cryo Boxes

CAPP's **EXPell Cryo Boxes** are made of highly durable polypropylene and are suitable both for freezing at -90°C and autoclaving at $+121^{\circ}\text{C}$ for 20 minutes.

EXPell Cryo Boxes are universally compatible with many other brands of cryo tubes. When used along with **EXPell Cryo Tubes**, they provide further unique, space-saving advantages, due to the unique design of **EXPell Cryo Tubes**. External thread cryo tubes are normally stored in boxes with 9 x 9 dividers, as the construction of the external thread adds an edge to the lid. The streamlined design of **EXPell Cryo Tubes** eliminates the edges, making them perfectly suitable for storage on boxes with 10x10 dividers. This increases the storage space by up to 23%, compared to storage in standard 9 x 9 boxes.

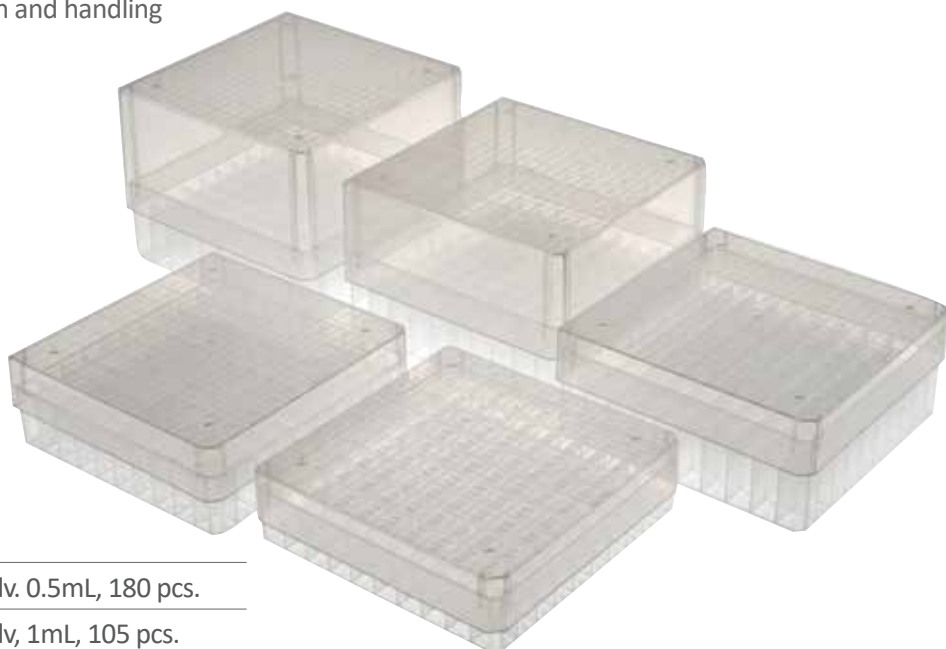
EXPell Cryo Boxes have a numerical coding on both the lid and the bottom of each box. The edges of the boxes are slanted in order to ensure proper lid positioning and eliminate any potential encoding failures. The star-foot lock at the bottom of each box well enables one-handed tube opening without taking the tube out of the box.

Features:

- Save up to 23% storage space with **EXPell Cryo Boxes** with 10 x 10 dividers
- 5 sizes of **EXPell Cryo Boxes** are available (height: 32, 40, 50, 80 and 90mm) to perfectly fit **EXPell Cryo Tubes** sizes from 0.5 to 5mL
- Quick and easy sample identification is possible thanks to the numerical coding for each tube
- Made of high quality durable polypropylene, suitable for storing at -90°C and autoclaving at $+121^{\circ}\text{C}$ for 20 minutes
- Star-foot lock at the bottom of each box well, enabling one-handed tube opening without taking the tube out of the box
- Slanted edges for easier identification and handling

Ordering Information

Cat. No.	Description
5040510C	Expell Cryobox w/10x10dv. 0.5mL, 180 pcs.
5041010C	Expell Cryobox w/10x10dv, 1mL, 105 pcs.
5042010C	Expell Cryobox w/10x10dv. 2mL, 105 pcs.
5044010C	Expell Cryobox w/10x10dv. 4mL, 90 pcs.
5045010C	Expell Cryobox w/10x10dv. 5mL, 60 pcs.



Microcentrifuge Tubes

The graduated **EXPell Microcentrifuge Tubes** are manufactured from virgin PP, out of the finest molds available.

Features:

- One-handed open/close operation
- Perfect sealing and evaporation protection
- Polished interior to prevent from protein adhesion
- High clarity for good sample visibility.

All **EXPell Microcentrifuge Tubes** are DNase, RNase, Pyrogen free and withstand up to 20.000g.



Ordering Information

Cat. No.	Description
5100500C	Expell Microcentrifuge tubes 0.5mL, bulk, 10x1000 pcs.
5001500C	ExpellPlus Microcentrifuge tubes 1.5mL, bulk, low retention, 20x500 pcs.
5101500C	Expell Microcentrifuge tubes 1.5mL, bulk, 20x500 pcs.
5101590C	Expell Microcentrifuge tubes 1.5 mL, bulk, assorted colours, 20x500 pcs. (magenta, blue, yellow, green, orange)
5102000C	Expell Microcentrifuge tubes 2.0mL, bulk, 10x500 pcs.

EXPell

BLACK MICROCENTRIFUGE TUBES

With a special focus on processing light-sensitive samples, **CAPP** has developed **EXPell Black Microcentrifuge Tubes**. The black tubes are available in one size (1.5mL) and come bulk packed in bags of 500pcs.

The black Polypropylene compound creates a completely opaque barrier, preventing light from causing any reactions within the liquid inside the tube, making the tubes ideal for processing light sensitive samples. **EXPell Black Microcentrifuge Tubes** are a great alternative to the commonly used method of wrapping the tube in aluminum foil in order to protect the samples from light impact.

EXPell Black Microcentrifuge Tubes are suitable for applications requiring photo-sensitive, fluorescent or ethidium bromide probes. Unlike amber tinted tubes, they are completely opaque and protect even the most light-sensitive samples.



Ordering Information

Cat. No.	Description
5101550C	Expell Microcentrifuge tubes 1.5 mL, bulk, black, 20x500 pcs .

EXPELL PCR

PCR TUBES & PLATES

CAPP EXPELL PCR line comprises of 0.1mL and 0.2mL tubes with plug caps, strips of 8 tubes, strips, plates and optical adhesives. The V-shape bottom allows total sample recovery and the thin-walled wells of polypropylene allow a very good transmission of temperature and minimize condensation.



5100200C



5100210C



5100211C



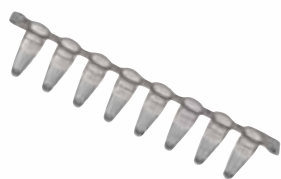
5100212C



5100213C



5100300C



5100310C



5100311C



5100313C



5100400C

Ordering Information

For standard PCR / qPCR thermocyclers that require regular profile 0.2mL tubes

Cat. No.	Description
5100200C	Expell PCR tubes 0.2mL, bag, 20x1000 pcs.
5100210C	Expell PCR strips of 8 tubes 0.2mL, bag, 20x120 pcs.
5100211C	Expell PCR strips of 8 caps (flat), for 0.1mL and 0.2mL tubes, bag, 30x120pcs.
5100212C	Expell PCR strips of 8 tubes w/ single attached caps 0.2mL, 8x120 pcs.
5100213C	Expell PCR plate of 96 x 0.2mL, 8x 25 pcs., non-skirted

For fast PCR / qPCR thermocyclers that require low profile 0.1mL tubes

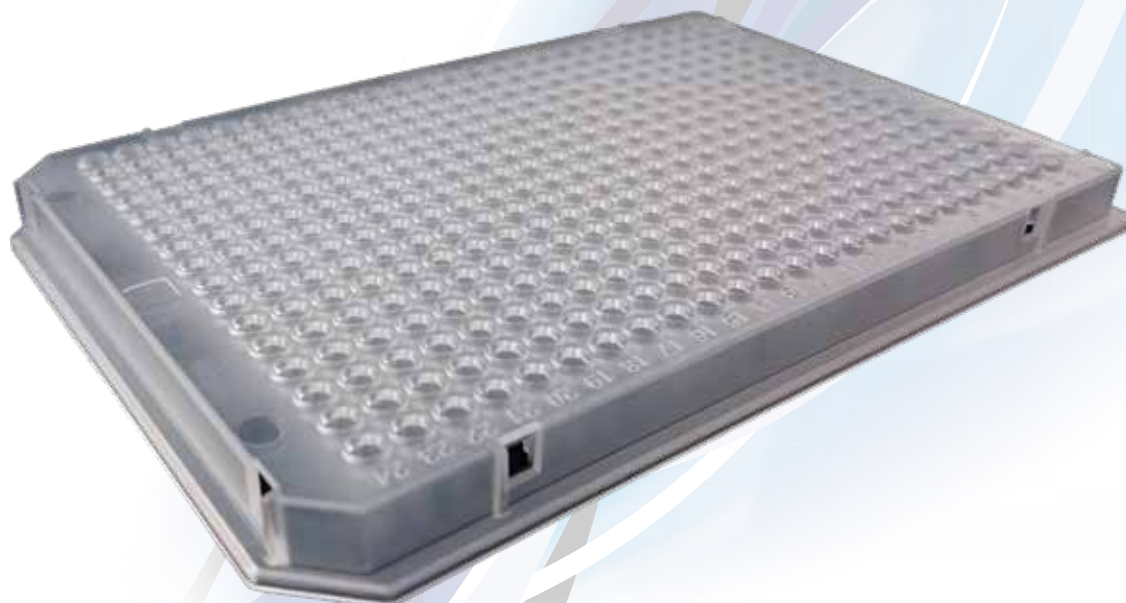
Cat. No.	Description
5100300C	Expell PCR tubes 0.1mL, bag, 20x1000 pcs.
5100310C	Expell PCR strips of 8 tubes 0.1mL, bag, 15x120 pcs.
5100311C	Expell PCR strips of 8 tubes w/ single attached caps 0.1mL, 8x120 pcs.
5100313C	Expell PCR plate of 96 x 0.1mL, 8x 25 pcs., non-skirted
5100400C	Expell PCR Optical Disposable Adhesive, bag of 100 pcs.

384-WELL PCR PLATES

CAPP EXpell 384-well PCR plates are the ideal choice for PCR applications, thanks to their unique PP composition, their rigid form as well as the universal compatibility with basically all standard 384-well cyclers and many 384-well block (q)PCR cycler models.

The ultra thin walls of **EXpell 384-well PCR plates** are specially treated to minimize the binding of proteins.

CAPP plates are DNA, DNase, RNA, RNase and Pyrogen free certified and autoclavable. They feature an extremely low evaporation grade of less than 3%, enabling processing PCR volumes as small as 5µL. **CAPP** provides the optical adhesives (Cat. No. 5100400C) ensuring the most optimal closure of **EXpell 384-well PCR plates**.



Ordering Information

Cat. No.	Description	Inaccuracy %	Imprecision %	Colour
C02-16	CAPP multi pipettes, 16-channel, 0.2-2µL	4.00	2.00	●
C10-16	CAPP multi pipettes, 16-channel, 0.5-10µL	2.00	1.00	○
C50-16	CAPP multi pipettes, 16-channel, 5-50µL	1.40	0.60	●
C10-48	CAPP multi pipettes, 48-channel, 0.5-10µL	4.00	2.00	○
C10-64	CAPP multi pipettes, 64-channel, 0.5-10µL	4.00	2.00	○

EXpellPlus 384 Low Retention Tips

Cat. No.	Description	Qty/pack	Packs/case
5030005C	ExpellPlus 0.2-50µL, racked, sterile	10 x 384	5
5030006C	ExpellPlus 0.2-50µL, racked, sterile, filtered	10 x 384	5

EXpellPlus 384-well PCR Plates

Cat. No.	Description
5100513C	Expell 384-well PCR plate, natural, 320 pcs.
5100400C	Expell PCR Optical Disposable Adhesive, 100 pcs.

CAPP Instrument Overview

CAPP *Bravo*

SINGLE CHANNEL PIPETTE



Highlights

- Lightweight ergonomic design
- Extremely user friendly
- Volume lock feature
- Stainless steel piston
- Universal tip cones
- Fully autoclavable



ecopipette

SINGLE CHANNEL PIPETTE



Highlights

- Lockable volume controller
- Low forces for aspiration & blow-out
- The only pipette with fixed & variable plungers
- Double o-ring for optimal tip seal
- Robust design with metal tip base
- Fully autoclavable



CAPP *Maestro*

ELECTRONIC SINGLE CHANNEL PIPETTE



Highlights

- Fully coloured OLED display
- Lightweight construction
- Large tip ejector
- User-friendly, intuitive interface
- Protocol switch by 2 clicks
- Long lasting performance
- Calibration & password setting

CAPP *Tronic*

ELECTRONIC MULTICHANNEL PIPETTE



Highlights

- Extremely user-friendly
- Memory capacity up to 9 protocols
- One-side programming manual
- Long-life lithium battery
- Ultimate performance
- Wide tip compatibility



CAPP *Aero 96*

MULTICHANNEL PIPETTE



Highlights

- Easily exchangeable counter
- Highly ergonomic tip ejection lever
- Fully autoclavable body
- Metallic tip cone with double o-rings
- Single channel accuracy and precision



CAPP *R10*

MECHANICAL REPEATER



Highlights

- Elegant & ergonomic design
- Highly robust
- Wide range of retips



CAPP *Tempo*

PIPETTE CONTROLLER



Highlights

- Digital display
- Adjustable speeds
- Electronic Brake System (EBS)



CAPP *Aero 384*

MULTICHANNEL PIPETTE



Highlights

- Unique line for 384-well pipetting
- Highly ergonomic tip ejection lever
- Superior accuracy & precision
- Fully autoclavable



CAPP *Rondo*

BENCHTOP EQUIPMENT



Highlights

- Uniquely elegant range of benchtop instruments, including: multiple centrifuges, mixers, plate shakers and magnetic stirrers.



CAPP *Harmony*

RETIPS

CAPP offers a wide range of *CAPP Harmony* retips, featuring universal compatibility with the majority of repeater pipettes available on the market.

The concept of the retips is based on the positive displacement principle, where the piston of the retip is in direct contact with the liquid being processed, minimizing the dead volume leading to increased inaccuracy and imprecision margins.

CAPP Harmony retips are therefore ideal to assure very reliable results on your liquid handling protocol. Moreover, the disposable pistons of *CAPP Harmony* retips are perfectly suitable for applications involving viscous liquids and for protocols requiring an increased prevention of cross contamination, such as pipetting of infectious and volatile liquids.

CAPP Harmony retips along with CAPP repeater pipettes - *CAPP Rhythm* or *CAPP R10* - are the optimal tool for any multidispensing application. Packed in bulk or in individual sterile packaging.



Ordering Information

CAPP Harmony Basic Retips

Cat. No.	Description
RS-01-C	Syringes 0,05 mL, 100 pcs.
RS-03-C	Syringes 1,25 mL, 100 pcs.
RS-06-C	Syringes 12,5 mL, 100 pcs.

CAPP Harmony Macro Retips

Cat. No.	Description
RS-07-C	Syringes 25,0 mL, 25 pcs.
RS-08-C	Syringes 50,0 mL, 25 pcs.

CAPP Harmony Universal Retips

Cat. No.	Description
RS-11-C	Syringes, 0,1 mL, 100 pcs.
RS-12-C	Syringes, 0,2 mL, 100 pcs.
RS-02-C	Syringes, 0,5 mL, 100 pcs.
RS-13-C	Syringes, 1,0 mL, 100 pcs.
RS-04-C	Syringes, 2.5 mL, 100 pcs.
RS-05-C	Syringes, 5,0 mL, 100 pcs.
RS-14-C	Syringes, 10,0 mL, 100 pcs.

CAPP Harmony Syringes, Sterile, Individually Packed

Cat. No.	Description
RS-01S-C	Syringes 0,05 mL, sterile, individually packed, 100 pcs.
RS-11S-C	Syringes, 0,1 mL, sterile, individually packed, 100 pcs.
RS-12S-C	Syringes, 0,2 mL, sterile, individually packed, 100 pcs.
RS-02S-C	Syringes, 0,5 mL, sterile, individually packed, 100 pcs.
RS-13S-C	Syringes, 1,0 mL, sterile, individually packed, 100 pcs.
RS-03S-C	Syringes 1,25 mL, sterile, individually packed, 100 pcs.
RS-04S-C	Syringes, 2.5 mL, sterile, individually packed, 100 pcs.
RS-05S-C	Syringes, 5,0 mL, sterile, individually packed, 100 pcs.
RS-14S-C	Syringes, 10,0 mL, sterile, individually packed, 100 pcs.
RS-06S-C	Syringes 12,5 mL, sterile, individually packed, 100 pcs.
RS-07S-C	Syringes 25,0 mL, sterile, individually packed, 25 pcs.
RS-08S-C	Syringes 50,0 mL, sterile, individually packed, 25 pcs.

CAPP *Harmony*

COMPATIBILITY CHART

For syringes' compatibility with other pipette brands, please contact info@capp.dk



CAPP *Harmony* Basic Retips

RS-01-C	RS-03-C	RS-06-C
RS-01S-C	RS-03S-C	RS-06S-C
0.05mL 100 pcs	1.25mL 100 pcs	12.5mL 100 pcs
Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Fully compatible
Not compatible	Not compatible	Not compatible
Not compatible	Not compatible	Not compatible
Fully compatible	Fully compatible	Fully compatible
Not compatible	Not compatible	Not compatible
Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Fully compatible
Not compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Fully compatible

CAPP *Harmony* Macro Retips

RS-07-C	RS-08-C
RS-07S-C	RS-08S-C
25mL 25 pcs	50mL 25 pcs
Fully compatible	Fully compatible
Fully compatible	Fully compatible
Fully compatible	Fully compatible
Fully compatible	Fully compatible
Fully compatible	Fully compatible
Fully compatible	Fully compatible
Fully compatible	Fully compatible
Fully compatible	Fully compatible
Fully compatible	Fully compatible
Fully compatible	Fully compatible
Not compatible	Not compatible
Fully compatible	Fully compatible
Fully compatible	Fully compatible

CAPP Rhythm Repeater
CAPP R10 Repeater
Biohit Mechanical Stepper
eLINE Lite Dispenser
eLINE Pro Dispenser
Fisherbrand
Eppendorf Multipipette Plus and M4
HTL MINILAB 201
Brand HandyStep
Brand HandyStep Electronic
Gilson Distriman / Repetman
Raining Auto Rep S
Raining Auto Rep E

CAPP *Harmony*

COMPATIBILITY CHART

For syringes' compatibility with other pipette brands, please contact info@capp.dk



CAPP *Harmony* Universal Retips

RS-11-C RS-11S-C 0.1mL 100 pcs	RS-12-C RS-12S-C 0.2mL 100 pcs	RS-02-C RS-02S-C 0.5mL 100 pcs	RS-13-C RS-13S-C 1mL 100 pcs	RS-04-C RS-04S-C 2.5mL 100 pcs	RS-05-C RS-05S-C 5mL 100 pcs	RS-14-C RS-14S-C 10mL 100 pcs
Not compatible	Not compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Not compatible
Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
Not compatible	Not compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Not compatible
Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
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Not compatible	Not compatible	Fully compatible	Not compatible	Fully compatible	Fully compatible	Not compatible
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Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Fully compatible	Not compatible	Fully compatible	Fully compatible	Not compatible
Not compatible	Not compatible	Not compatible	Not compatible	Not compatible	Not compatible	Not compatible
Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Fully compatible	Not compatible	Fully compatible	Fully compatible	Not compatible



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