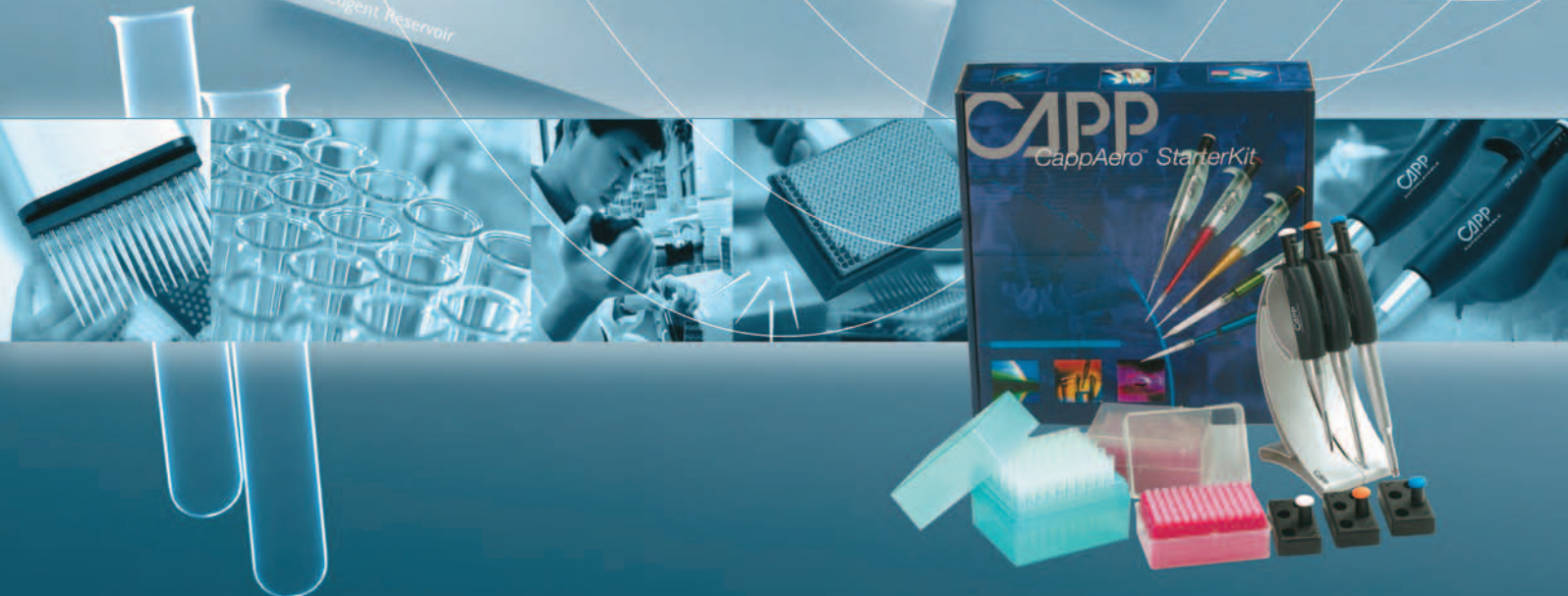


CAPP



CappAero Single

- Choose between short and long pipettes
- Switch between variable and fixed volume setting
- O-rings ensure a tight seal between pipette and tips



Robust The pipette body of all CappAero pipettes is fully autoclavable. The vital parts are made of anodised aluminum, high-grade stainless steel and durable plastics, reducing the risks of accidental breakage and ensuring that the pipette will keep the good condition and high accurate results for a longer period. They are also resistant to most chemicals such as acids and solvents.

Reliable pipetting results A major and often overlooked source of error in pipetting comes from using pipette tips that do not fit the pipette optimally.

To ensure a tight seal between pipette and tips, CappAero pipettes have O-rings on the tip bases. The rings help getting a good seal even if the tip is out of the optimal shape, minimising the risk of false air and false results.

Made with the user in mind CappAero Single has a force requirement among the lowest available to let you work without fatigue. The broad finger rest reduces pressure induced problems to the index finger.

The CappAero Short is 7 cm shorter, which allows you to work in a much more relaxed position with your elbow resting on the bench.

On the CappAero Softline pipettes, the soft and flexible finger rest even adjusts to small and large finger alike. Along with the soft rubber coating of the handle, this makes the CappAero SoftLine a very luxurious pipette to work with.

We take pipetting to CAPP

Laboratory products

3 year warranty



An ISO 9001:2000 Certified Company.

CappAero StarterKit

- Pipettes, tips and stand, everything you need!
- Freedom of choice: Pick your preferred version and pipette length



The easy way to quality pipetting By choosing the CappAero StarterKit you get a ready-to-go solution with a set of products that are optimised to work together:

- Three pipettes covering the range from 0.5 to 1000µl
- One rack of tips for each pipette volume
- A stand for correctly storing the pipettes upright

Personalise your kit You can compose your personal StarterKit selecting the pipettes that suit you best.

First, choose the pipette type for the whole kit:

ColourLine dazzling colours bring beauty to your bench and help you quickly identify the right pipette volume.

SoftLine with the comfortable and soft rubber-coated handle and a finger rest that adapts to your hand.

Then, for each pipette in the kit decide if you want a long or a short pipette:

CappAero Universal is the standard pipette length for those who need to pipette in long tubes or flasks.

CappAero Short allows you to keep the pipette vertical during pipetting and still comfortably rest the elbow on the bench top.

Now, you are ready to experience all the benefits of the CappAero pipettes and the CappExpel pipette tips:

- Low piston pressure and finger rest to make the pipetting a more pleasurable experience for your hand.
- Quick switch between variable and fixed volume controllers.
- O-rings on the tip base to ensure a tight seal between tip and pipette for maximum accuracy.
- Special polymers and extremely smooth inside surface ensures full volume delivery from the CappExpel tips and also mean very low binding of DNA, RNA and protein.

perfection

CappAero™ Single, Universal

Cat. No.			Description	Colour	Innaccuracy*	Imprecision **
Standard	ColourLine	SoftLine				
02-1BZ	CL02-1BZTT	SL02-1BZ	Single channel pipette 0.2-2 µl (short)	Violet	12.00 / 3.10 / 1.00	6.00 / 1.60 / 1.00
10-1BZ	CL10-1BZTT	SL10-1BZ	Single channel pipette 0.5-10 µl	White	2.50 / 1.16 / 1.00	1.80 / 0.64 / 0.50
50-1BZ	CL50-1BZTT	SL50-1BZ	Single channel pipette 5-50 µl	Red	1.50 / 0.80 / 0.70	0.80 / 0.35 / 0.30
100-1BZ	CL100-1BZTT	SL100-1BZ	Single channel pipette 10-100 µl	Orange	1.00 / 0.74 / 0.70	0.80 / 0.26 / 0.20
200-1BZ	CL200-1BZTT	SL200-1BZ	Single channel pipette 25-200 µl	Yellow	0.80 / 0.72 / 0.60	0.30 / 0.22 / 0.20
1000-1BCZ	CL1000-1BCZTT	SL1000-1BCZ	Single channel pipette 100-1000 µl Slim	Blue	0.70 / 0.61 / 0.60	0.20 / 0.16 / 0.15
5000-1AZ	CL5000-1AZTT	SL5000-1AZ	Single channel pipette 1-5 ml	Green	0.60 / 0.45 / 0.40	0.15 / 0.15 / 0.15

CappAero™ Single, Short

Cat. No.			Description	Colour	Innaccuracy	Imprecision
Standard	ColourLine	SoftLine				
10-1CZ	CL10-1CZTT	SL10-1CZ	Single channel pipette 0.5-10 µl	White	2.50 / 1.16 / 1.00	1.80 / 0.64 / 0.50
50-1CZ	CL50-1CZTT	SL50-1CZ	Single channel pipette 5-50 µl	Red	1.50 / 0.80 / 0.70	0.80 / 0.35 / 0.30
100-1CZ	CL100-1CZTT	SL100-1CZ	Single channel pipette 10-100 µl	Orange	1.00 / 0.74 / 0.70	0.80 / 0.26 / 0.20
200-1CZ	CL200-1CZTT	SL200-1CZ	Single channel pipette 25-200 µl	Yellow	0.80 / 0.72 / 0.60	0.30 / 0.22 / 0.20
1000-1CZ	CL1000-1CZTT	SL1000-1CZ	Single channel pipette 100-1000 µl	Blue	0.70 / 0.61 / 0.60	0.20 / 0.16 / 0.15

* Maximum Random Error (ISO8655) ** Maximum Systematic Error (ISO8655) measured at minimum, medium and maximum volumes. All pipettes include a fixed and a variable volume controller.

CappAero Multi

- Single channel accuracy and precision
- Superior tip mounting and ejection
- Robust and fully autoclavable pipette body



Difficulties mounting or ejecting tips? Many multi channel pipette users have problems with tip pick-up and badly mounted tips are the main cause of inaccuracy and channel-to-channel variability.

Working with a CappAero Multi, all you have to do is pressing the pipette gently into the tips as the double O-rings on the tip bases make the pipette picks up every tip in the row of the rack. You get high accuracy and even volumes across all channels every time and ejection is a matter of a light push on the levered ejector arm.

Ensure you get reliable results The limits of inaccuracy and imprecision for multi channel pipettes normally are double the limits for single channels (please see ISO8655-2; section 7.6). With the CappAero Multi, you get single channel accuracy and precision across all 8, 12 or 16 channel due to the special and sturdy construction of piston assembly.

Pipettes that are built to last The tip bases on Capp Multi pipettes are made of metal and so they are not prone to break or bend. Should it happen anyhow, and individual tip base can very easily be exchanged at your bench. The cost is low and the down-time is negligible.

You will have less frustrations due to technical problems and also get the lowest lifetime costs of any multi channel pipette in the world and it is all backed up with a three year warranty.

Complete range for 384-well experiments

The common way of setting up an experiment in 384-well plates is to use an 8-channel pipette and pipette twice per row. By using a 16-channel pipette instead, you can cut the number of pipettings in half, saving valuable time but also making the job much easier on your hand and thumb.

With 16-channel pipettes in 3 volume ranges as well as a 16-channel washer, Capp offers you the widest choice of products for 384-well work.



CappAero™ Multi

Cat. No.			Description	Colour		Innaccuracy *	Imprecision **
Standard	Transparente	SoftLine					
10-8AZ	10-8AZTT	SL10-8AZ	8 channels pipette 0.5-10 µl	White	●	2.50 / 1.16 / 1.00	1.80 / 0.64 / 0.50
50-8AZ	50-8AZTT	SL50-8AZ	8 channels pipette 5-50 µl	Red	●	1.50 / 0.80 / 0.70	0.80 / 0.35 / 0.30
200-8AZ	200-8AZTT	SL200-8AZ	8 channels pipette 25-200 µl	Yellow	●	0.80 / 0.72 / 0.60	0.30 / 0.22 / 0.20
300-8AZ	300-8AZTT	SL300-8AZ	8 channels pipette 50-300 µl	Black	●	0.70 / 0.70 / 0.70	0.30 / 0.18 / 0.15
10-12AZ	10-12AZTT	SL10-12AZ	12 channels pipette 0.5-10 µl	White	●	2.50 / 1.16 / 1.00	1.80 / 0.64 / 0.50
50-12AZ	50-12AZTT	SL50-12AZ	12 channels pipette 5-50 µl	Red	●	1.50 / 0.80 / 0.70	0.80 / 0.35 / 0.30
200-12AZ	200-12AZTT	SL200-12AZ	12 channels pipette 25-200 µl	Yellow	●	0.80 / 0.72 / 0.60	0.30 / 0.22 / 0.20
300-12AZ	300-12AZTT	SL300-12AZ	12 channels pipette 50-300 µl	Black	●	0.70 / 0.70 / 0.70	0.30 / 0.18 / 0.15
02-16AZ	02-16AZTT	SL02-16AZ	16 channels pipette 0.2-2 µl	Violet	●	12.00 / 3.10 / 1.00	6.00 / 1.60 / 1.00
10-16AZ	10-16AZTT	SL10-16AZ	16 channels pipette 0.5-10 µl	White	●	2.50 / 1.16 / 1.00	1.80 / 0.64 / 0.50
50-16AZ	50-16AZTT	SL50-16AZ	16 channels pipette 5-50 µl	Red	●	1.50 / 0.80 / 0.70	0.80 / 0.35 / 0.30
10-6ATZ	10-6ATZTT	SL10-6ATZ	16 channels pipette HLA 0.5-10 µl	White	●	2.50 / 1.16 / 1.00	1.80 / 0.64 / 0.50

* Maximum Random Error (ISO8655) ** Maximum Systematic Error (ISO8655) measured at minimum, medium and maximum volumes. All pipettes include a fixed and a variable volume controller.

CappOrigami Reagent Reservoirs



The CappOrigami represents a new way of thinking when it comes to reagent reservoirs. Its shape along with the stiffness of the material used ensures that the reservoir form a sharp V-shape at the bottom. This makes your pipetting easier and also makes it possible to save on reagents as you only need to pour the needed amount into the reservoir.

The CappOrigami are packed, shipped and stored as flat sheets. This way, they are less bulky to ship and take up considerably less room in storage. To use the reservoir, simply flick it up by pushing the sides together the pre-folded lines make the reservoir very easy to get into the proper shape.

Ordering information:

CA40505 30 ml reservoirs for 8-channel pipettes

CA40510 40 ml reservoirs for 12-channel pipettes

CappWash



The CappWash is ideal for washing plates in small series. The adjustable finger screws let you adjust to different well depths and geometries, taking care that the tubes will not scratch the bottom of the wells.

The special two-in-one washing tube design makes hand-held very easy: lower the tubes into the well, press the knob once per washing needed and move to the next row. It couldn't be simpler!

Ordering information

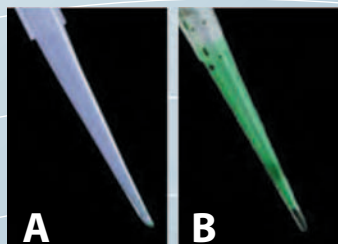
W8 CappWash 8-channel

W12 CappWash 12-channel

W16 CappWash 16-channel

CAPP

Capp Tips



To obtain precise and accurate pipetting results, the quality of the tips is as much important as the quality of the pipette. Through new polymer technology and use of diamond polished moulds, CappExpel tips (A) show 3-5 fold lower liquid retention than standard pipette tips (B). Please contact us for more information.



Capp A/S is an independent Danish company operating out of the historic town of Odense, the birthplace of the fairytale writer Hans Christian Andersen. We are entirely devoted to the development and production of liquid handling equipment, in particular pipettes, and it is our ambition to make products of only the very highest quality. We strongly emphasise on user needs, with special focus on ergonomic and nice looking design. Our products are sold in more than 65 countries throughout the World.



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