



CAPP

Pipetting Instruments



Masters of precision

www.capp.dk

CAPP

Pipetting Instruments

CAPP pipetting instruments cover a wide range of manual and electronic pipettes, available in single- and multichannel versions, as well as mechanical repeaters and motorized pipette controllers.

The range of multichannel pipettes is divided into 96-well plate format suitable for 8- and 12-channel pipettes and 384-well format for use with the 16-, 48- and 64-channel pipettes.

CAPP pipetting instruments combine innovation, robustness and precision. The unique features like interchangeable variable and fixed volume controllers, metal components, 48- and 64-channel pipettes as well as the speed and precision of **CAPP** electronic pipettes, guarantee ergonomic, precise and user-friendly operation.



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CAPP

CAPP *Bravo*

SINGLE CHANNEL PIPETTES

Manual pipetting has never been easier! **CAPP** has combined lightweight ergonomic design with the latest innovations in manual liquid handling to create **CAPP *Bravo***, the most user friendly manual pipette on the market today.

CAPP *Bravo* is constructed of the highest quality autoclavable materials and features feather light plunger and ejection forces. There is a built-in oversized indicator for easy volume monitoring and precise adjustment. With **CAPP *Bravo*** all of these features are packaged in a modern, streamlined, world-renowned Danish design.

Experience **CAPP**'s symphony of precise measurements and see for yourself why it is called Bravo!

Safety:

- Fully Autoclavable
- Positive indicator lock

Ergonomics:

- Ergonomically constructed hook for comfortable handling
- Smooth tip mounting and ejection

Controls:

- Oversized indicator
- Reduced force feather touch plunger and ejector

Unique Features:

- Metal shaft with double O-rings for ultra micro sizes
- Ultra lightweight construction



Ordering Information

CAPP *Bravo* Starter Packs

Cat. No.	Description
SK-03-BB	Three pipettes free of choice, C-05 stand, 3 racks of tips and 1 timer

Pipette Stands

Cat. No.	Description
C-05	Pipette stand for up to 5 pipettes

CAPP *Bravo* Variable Volume

Cat. No.	Description	Inaccuracy %	Imprecision %	Colour
B02-1	CAPP pipette, variable vol. 0.1-2 μ L, Bravo	12.00 / 2.00	6.00 / 1.00	●
B10-1	CAPP pipette, variable vol. 0.5-10 μ L, Bravo	2.50 / 1.00	1.80 / 0.50	○
B20-1	CAPP pipette, variable vol. 2-20 μ L, Bravo	5.00 / 1.00	1.50 / 0.30	●
B50-1	CAPP pipette, variable vol. 5-50 μ L, Bravo	2.00 / 1.00	1.20 / 0.30	●
B100-1	CAPP pipette, variable vol. 10-100 μ L, Bravo	2.50 / 0.70	1.00 / 0.20	●
B200-1	CAPP pipette, variable vol. 20-200 μ L, Bravo	2.50 / 0.60	0.70 / 0.20	●
B1000-1	CAPP pipette, variable vol. 100-1000 μ L, Bravo	2.00 / 0.80	0.60 / 0.20	●
B5000-1	CAPP pipette, variable vol. 1-5mL, Bravo	1.20 / 0.60	0.30 / 0.15	●
B10000-1	CAPP pipette, variable vol. 1-10mL, Bravo	3.00 / 0.60	0.60 / 0.15	●

CAPP *Bravo* Fixed Volume (customized volumes available on request)

Cat. No.	Description	Inaccuracy %	Imprecision %
B01-1F	CAPP pipette, fixed vol. 1 μ L, Bravo	2.50	1.80
B02-1F	CAPP pipette, fixed vol. 2 μ L, Bravo	2.00	1.00
B05-1F	CAPP pipette, fixed vol. 5 μ L, Bravo	1.20	0.80
B10-1F	CAPP pipette, fixed vol. 10 μ L, Bravo	1.00	0.50
B20-1F	CAPP pipette, fixed vol. 20 μ L, Bravo	1.00	0.30
B50-1F	CAPP pipette, fixed vol. 50 μ L, Bravo	1.00	0.30
B100-1F	CAPP pipette, fixed vol. 100 μ L, Bravo	0.70	0.20
B200-1F	CAPP pipette, fixed vol. 200 μ L, Bravo	0.60	0.20
B500-1F	CAPP pipette, fixed vol. 500 μ L, Bravo	0.80	0.15
B1000-1F	CAPP pipette, fixed vol. 1000 μ L, Bravo	0.80	0.20
B5000-1F	CAPP pipette, fixed vol. 5mL, Bravo	0.60	0.15
B10000-1F	CAPP pipette, fixed vol. 10mL, Bravo	0.60	0.15





SINGLE CHANNEL PIPETTES

ecopipette Innovation

The **ecopipette** is packed using recyclable, biodegradable materials and constructed from some of the most renewable durable resources available, to ensure an extended lifetime.

CAPP ecotrade™ program: Return any brand of old pipettes in exchange for discounted new ecopipettes™.

At CAPP, we will ensure an environmentally safe waste discharge of all old pipettes.

Ask your favourite authorized CAPP distributor for more information about our ecotrade™ program.

CAPP **ecopipette™** Unique Advantages:

- Lockable volume controller requiring 50% fewer turns
 - Display is fully visible during hand operations
- Reduced force requirement for aspiration and blow-out
- The only pipette with fixed and variable exchangeable counter mechanism
 - Large pad for ease of tip ejection
- Fully autoclavable pipette body (no disassembly required)
 - Double O-rings for optimal tip seal
- Compatible with all major pipette tip brands
 - Robust design includes metal tip base
- Lowest incidence of breakage resulting from accidental dropping or tips mounting



Ordering Information



ecopipette Starter Packs

Cat. No.	Description
SKE-03-XX	3 pipettes free of choice, stand, 3 racks of tips and a timer

ecopipette Variable Volume Pipettes

Cat. No	Description	Inaccuracy %	Imprecision %	Colour
C02-1S	CAPP pipette, variable vol. 0.2-2 μ L, ecopipette	12.00 / 2.00	6.00 / 1.00	●
C02-1	CAPP pipette, variable vol. 0.2-2 μ L, ecopipette (length as C10-1)	12.00 / 2.00	6.00 / 1.00	●
C10-1	CAPP pipette, variable vol. 0.5-10 μ L, ecopipette	2.50 / 1.00	1.80 / 0.50	○
C20-1	CAPP pipette, variable vol. 2-20 μ L, ecopipette	5.00 / 1.00	1.50 / 0.30	●
C50-1	CAPP pipette, variable vol. 5-50 μ L, ecopipette	2.00 / 1.00	1.20 / 0.30	●
C100-1	CAPP pipette, variable vol. 10-100 μ L, ecopipette	2.50 / 0.70	1.00 / 0.20	●
C200-1	CAPP pipette, variable vol. 20-200 μ L, ecopipette	2.50 / 0.60	0.70 / 0.20	●
C1000-1	CAPP pipette, variable vol. 100-1000 μ L, ecopipette	2.00 / 0.80	0.60 / 0.20	●
C1000-1M	CAPP pipette, variable vol. 100-1000 μ L with 2 μ L increment, ecopipette	2.00 / 0.80	0.60 / 0.20	●
C5000-1	CAPP pipette, variable vol. 1-5mL, ecopipette	1.20 / 0.60	0.30 / 0.15	●
C5000-1M	CAPP pipette, variable vol. 1-5 mL with 10 μ L increment, ecopipette	1.20 / 0.60	0.30 / 0.15	●
C10000-1	CAPP pipette, variable vol. 1-10mL, ecopipette	3.00 / 0.60	0.60 / 0.15	●

ecopipette Fixed Volume Pipettes

Cat. No.	Description	Inaccuracy %	Imprecision %
C02-1S-001	CAPP pipette, fixed vol. 1 μ L , ecopipette	2.50	1.80
C10-1-005	CAPP pipette, fixed vol. 5 μ L, ecopipette	1.20	0.80
C10-1-010	CAPP pipette, fixed vol. 10 μ L, ecopipette	1.00	0.50
C50-1-020	CAPP pipette, fixed vol. 20 μ L, ecopipette	1.00	0.30
C50-1-025	CAPP pipette, fixed vol. 25 μ L, ecopipette	0.80	0.35
C100-1-030	CAPP pipette, fixed vol. 30 μ L, ecopipette	1.16	0.40
C100-1-050	CAPP pipette, fixed vol. 50 μ L, ecopipette	1.00	0.30
C200-1-100	CAPP pipette, fixed vol. 100 μ L , ecopipette	0.70	0.20
C200-1-200	CAPP pipette, fixed vol. 200 μ L, ecopipette	0.60	0.20
C1000-1-500	CAPP pipette, fixed vol. 500 μ L, ecopipette	0.80	0.15
C1000-1-1000	CAPP pipette, fixed vol. 1000 μ L, ecopipette	0.80	0.20
C5000-1A-5000	CAPP pipette, fixed vol. 5000 μ L, comfort	0.60	0.15
CXXX-1-YYY	Other fixed vol. pipettes (xxx=max pipette volume; yyy=desired volume)		

CAPP Aero 96

MULTICHANNEL PIPETTES

Easy and light tip mounting and ejection

Excessive use of the thumb is a major cause of repetitive strain injuries and user discomfort in multichannel pipetting.

The unique design of the **CAPP Aero 96 Multichannel Pipette** considerably reduces the thumb workload. Ejection is simply a matter of applying light pressure to the levered ejector arm.

Thanks to the double O-rings on the aluminum and metal nose cones, the **CAPP Aero 96 Multichannel Pipette** eliminates the need to 'hammer' your pipette into the tips rack to secure the optimal tip mounting. You now need only to apply a slight even pressure to perfectly secure tips to the nose cones. **CAPP Aero 96 Multichannel Pipettes** are one of the lightest pipettes on the market and produce a consistent and reliable liquid transfer result in one ergonomic solution.

Single Channel Accuracy and Precision in a Multichannel Package

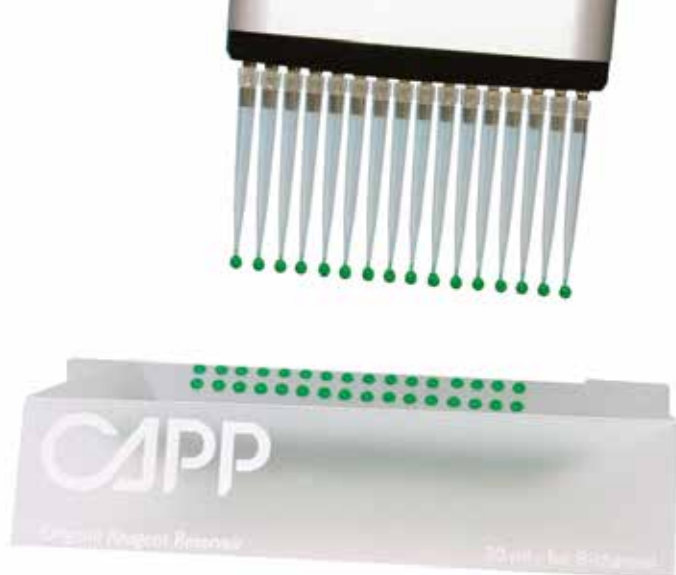
The **CAPP Aero 96 Multichannel Pipette** guarantees single channel accuracy and precision across all channels due to the special design and construction of the CAPP piston assembly. The incredibly robust and fully autoclavable pipette body offers easy maintenance while the unique CAPP design with individually replaceable tip bases reduces the cost of what were once inevitable repairs.

The **CAPP Aero 96 Multichannel Pipette's** use of anodized aluminum and metal nose cones instead of plastic ones substantially reduces breakage due to accidental dropping and tips mounting. The majority of internal construction parts are made of lightweight metal components and, along with stainless steel pistons, ensure a highly robust performance for ultimate stability over time in terms of accuracy and precision. This smart and highly ergonomic pipette is built to last.



CAPP Origami

REAGENT RESERVOIRS



Use your reagent most efficiently with **CAPP Origami** Reagent Reservoirs.

The **CAPP Origami** represents a new way of thinking when it comes to reagent reservoirs.

The stiff architecture procure a consistently sharp V-shape reservoir. This makes pipetting easier and assures an efficient use of the reagent.

They are packed, shipped and stored as flat sheets.

To use the reservoir, simply flick it up by pushing the sides together. This environmentally and storage friendly product will save bench space and money.

Ordering Information

Reagent Reservoirs: **CAPP Origami™** 30mL and 40mL reservoirs for multichannel pipetting

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

CAPP Aero 96 Multichannel pipettes

Cat. No.	Description	Inaccuracy %	Imprecision %	Colour
C10-8	CAPP multi pipettes, 8-channel, 0.5-10µL	5.00 /2.00	3.60 /1.00	○
C20-8	CAPP multi pipettes, 8-channel, 2-20µL	5.00 /2.00	3.60 /1.00	●
C50-8	CAPP multi pipettes, 8-channel, 5-50µL	3.20 /1.40	1.60 /0.60	●
C100-8	CAPP multi pipettes, 8-channel, 10-100µL	2.50 /1.30	1.20 /0.50	●
C200-8	CAPP multi pipettes, 8-channel, 20-200µL	1.80 /1.20	0.80 /0.40	●
C300-8	CAPP multi pipettes, 8-channel, 30-300µL	1.66 /1.40	0.60 /0.30	●
C10-12	CAPP multi pipettes, 12-channel, 0.5-10µL	5.00 /2.00	3.60 /1.00	○
C20-12	CAPP multi pipettes, 12-channel, 2-20µL	5.00 /2.00	3.60 /1.00	●
C50-12	CAPP multi pipettes, 12-channel, 5-50µL	3.20 /1.40	1.60 /0.60	●
C100-12	CAPP multi pipettes, 12-channel, 10-100µL	2.50 /1.30	1.20 /0.50	●
C200-12	CAPP multi pipettes, 12-channel, 20-200µL	1.80 /1.20	0.80 /0.40	●
C300-12	CAPP multi pipettes, 12-channel, 30-300µL	1.66 /1.40	0.60 /0.30	●



EX Pell and EX PellPLUS

COMPATIBILITY CHART

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



5130010C
5030010C
5030012C
5030015C
5030020C
5030035C

5030029C
5030030C
5130030C
5131030C

5130040C
5030040C
5030042C
5030045C
5030050C
5030055C

5030059C
5030060C
5130060C
5131060C

5130041C
5030041C
5030046C
5030051C

5030061C
5130061C
5131061C
5030063C

5030062C
5130062C
5131062C

5030064C
5030066C
5130066C
5131066C

CAPP Bravo, ecopipette and
CAPPAero 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
CAPPAero 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 PellPLUS

COMPATIBILITY CHART

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



									
5130070C 5030070C 5030072C 4130075C 5030075C 5030080C 5030095C	5030089C 5030090C 5130090C 5131090C	5130100C 5130105C 5130110C	5030114C 5030115C	5130130C 5130132C 4130135C 5130135C 5130140C 5130155C	5130149C 5130150C 5131150C	5130120C 5130121C 5130122C	5130119C 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 *Trio*

TRI-VOLUME PIPETTES

As the only pipette manufacturer that offers pipettes with detachable volume controllers, **CAPP** introduces a ready-to-go pipette set which includes three fixed volume knobs.

Highlights:

- Quick volume switch: 3 fixed pipettes in 1!
 - Ideal for routine work
- Customizable Volume Selection
 - Fully Autoclavable



Ordering Information

Cat. No.	Description	Inaccuracy %	Imprecision %	Colour
C10-T1	Capp Tri-volume pipettes, 1µL, 5µL, 10µL	2.50 /1.00	1.80 /0.50	○
C100-T2	Capp Tri-volume pipettes, 20µL, 50µL, 100µL	2.00 /0.70	0.80 /0.20	●
C1000-T3	Capp Tri-volume pipettes, 200µL, 500µL, 1000µL	1.50 /0.80	0.40 /0.15	●
CXXX-T	Capp Tri-volume pipettes, Custom Set			

CAPP Microbiology

SINGLE CHANNEL PIPETTES

CAPP Microbiology Pipettes are ideal for microbiology tests in the food industry.

This pipette is supplied with three fixed volume knobs at 100µL, 900µL and 1000µL and has a modified tip cone suited for use with a sterile extended length straw. This allows further reach and pipetting of viscous liquids such as milk, cream, yoghurt and cosmetics.

CAPP Microbiology Pipettes are ideal instruments for protocols involving dilution of 1:10.

Highlights:

- Extended Reach
- Rotation Free Volume Selection
- Pre-set Calibrated Volume Controllers
- Fully Autoclavable
- Customizable Volume Selection
- Fully Autoclavable



Ordering Information

CAPP Microbiology Pipettes (for use with sterile straws)

Cat. No.	Description	Inaccuracy %	Imprecision %
C1000-1BS	CAPPMicrobiology pipette, with 100µL, 900µL and 1000µL volume knobs	2.50/0.80	2.50/0.50
4170807	Pre-sterile straws for CAPPMicrobiology pipette, 40x25 pcs.		

CAPP

Accessories

MECHANICAL PIPETTES

CAPP offers a comprehensive selection of practical accessories to complement its full line of mechanical pipettes. Uniquely designed and quality made they combine design, style and simplicity to deliver an optimal storage and safety solutions for modern laboratories.

Precalibrated interchangeable adjustable and fixed volume knobs set **CAPP** pipettes aside from any other liquid handling pipette on a market by allowing users to use one pipette with many fixed volume knobs to substantially reduce cost.

Now, instead of four fixed volume pipettes, for example, you can buy one **CAPP** pipette and four inexpensive knobs to achieve the same precise results.

- **Stackable CAPP Combi Stand** can be connected to one another to create infinite support from one pipette to as many as user might need. C-01 comes with 2 modules for support of up to 3 mechanical pipettes
- **CAPP Carousel S-06** provides ultimate space saving solution for up to 6 mechanical pipettes
- **T-01 CAPPTimer** is a simple, hence reliable tool with audible alarm feature
- **Shaft filters** provide an economical solution to eliminate “splash effect” and will substantially reduce risk of sample and shaft contamination



Ordering Information

Pipette Stands

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

Timer

Cat. No.	Description
T-01	CAPPTimer™

Extra Volume Knobs For CAPP Mechanical Pipettes

Cat. No.	Description	Colour
2-VZ	Variable volume controller knob for 0.2-2µL pipettes	■
10-VZ	Variable volume controller knob for 0.5-10µL pipettes	○
20-VZ	Variable volume controller knob for 2-20µL pipettes	■
50-VZ	Variable volume controller knob for 5-50µL pipettes	■
100-VZ	Variable volume controller knob for 10-100µL pipettes	■
200-VZ	Variable volume controller knob for 20-200µL pipettes	■
300-VZ / 1	Variable vol. controller knob, 30-200µL, for 30-300µL pipettes	■
300-VZ	Variable vol. controller knob, 125-300µL, for 30-300µL pipettes	■
1000-VZ	Variable volume controller knob for 100-1000µL pipettes	■
1000-VZ-M	Variable volume controller knob for 100-1000µL pipettes (2µL increment)	■
5000-VZ	Variable volume controller knob for 1000-5000µL pipettes	■
5000-VZ-M	Variable volume controller knob for 1000-5000µL pipettes (10µL increment)	■
10000-VZ-M	Variable volume controller knob for 1000-10000µL pipettes	■
02-FE-1	1µL fixed volume controller knob for 0.2-2µL pipette	
02-FE-2	2µL fixed volume controller knob for 0.2-2µL pipette	■
10-FE-5	5µL fixed volume controller knob for 0.5-10µL pipette	○
10-FE-10	10µL fixed volume controller knob for 0.5-10µL pipette	○
20-FE-10	10µL fixed volume controller knob for 2-20µL pipette	■
20-FE-20	20µL fixed volume controller knob for 2-20µL pipette	■
50-FE-20	20µL fixed volume controller knob for 5-50µL pipette	■
50-FE-25	25µL fixed volume controller knob for 5-50µL pipette	■
50-FE-50	50µL fixed volume controller knob for 5-50µL pipette	■
100-FE-30	30µL fixed volume controller knob for 10-100µL pipette	■
100-FE-50	50µL fixed volume controller knob for 10-100µL pipette	■
100-FE-100	100µL fixed volume controller knob for 10-100µL pipette	■
200-FE-100	100µL fixed volume controller knob for 20-200µL pipette	■
200-FE-200	200µL fixed volume controller knob for 20-200µL pipette	■
300-FE-300	300µL fixed volume controller knob for 30-300µL pipette	■
1000-FE-500	500µL fixed volume controller knob for 100-1000µL pipette	■
1000-FE-1000	1000µL fixed volume controller knob for 100-1000µL pipette	■
5000-FE-5000	5000µL fixed volume controller knob for 1-5mL, model AZ	■
XXX-FE-YYY	Other fixed vol. controllers, ecopipette	



CAPP *Aero384*

MULTICHANNEL PIPETTES

CAPP *Aero384* Multichannel Pipettes For 384-well Plates

Most applications involving 384-well plates are performed using automated systems.

CAPP provides the world's only alternative for the quick and high precision pipetting of 16-, 48-, or 64-wells at once without the use of expensive, automated equipment.

Ideal For 384-well Liquid Handling

The **CAPP *Aero384*** 48 & 64 channel pipette allows for pipetting large samples within a short period of time while reducing the workload.

The **CAPP *Aero384*** is generally applicable for all transfers of liquids from reservoir and 384 deep-well plates into 384 well test plates, and it offers very obvious advantages in PCR, micro array, and MALDI spectrometry techniques.

CAPP *Aero384* Multichannel Pipettes feature lightweight construction and produce a consistent and reliable liquid transfer result in one ergonomic solution.

EXPellPlus384™ Low Retention Tips

High quality, low retention tips

CAPP offers a range of **EXPellPlus384™** tips which are specifically designed to perfectly fit the **CAPP** range of 384 well pipetting. Due to special polymers and an extremely smooth inside surface, the **EXPellPlus384™** tips from **CAPP** virtually eliminate sample retention, and reduce the binding of DNA, RNA, and Proteins to a minimum.

The range also includes a filter tip version to effectively prevent cross contamination due to aerosol formation (such as DNA), and dangers from toxic, infectious, radioactive or other hazardous material's carry over.





BOTTLE-TOP DISPENSER

Made of highly chemical-resistant materials, such as PTFE, PFA, Borosilicate and Platinum,

CAPP Forte Bottle-Top Dispenser is the ideal choice for dispensing bases, acids and solvents.

Using the positive displacement principle, where the tightly fitting piston wipes the walls of the glass-cylinder, removing the liquid completely, **CAPP Forte** can be used for dispensing media that are difficult to handle, such as crystallizing, viscous, foaming or vaporizing liquids. Autoclavable at 121° C / 250° F, **CAPP Forte** can also be used for sterile applications.

For use with Hydrogen fluoride/ Hydrofluoric acid, **CAPP Forte Bottle-Top Dispenser** offers a specially adjusted model, called CF10-1-HF (1-10mL), where the dispensed liquid comes into contact only with the materials of PFA, Al₂O₃, FEP, ETFE, PTFE, platinum-iridium and PVDF.

CAPP Forte Bottle-Top Dispenser offers a range of features which increase user safety and comfort.

Locking the 3-way-valve disables the dispensing function, preventing unintentional reagent flow.

Additionally, the system can be evacuated without removing the unit from the bottle, and the transparent plastic sleeve protects the user from cuts and splashes in case of an accidental glass break.

Both right and left-handed users can quickly and accurately set up the desired volume using the slide and-lock volume setting button. The discharge tube can be rotated, making the bottle label visible at any time. The telescope intake tube is easily adjustable, fitting reagent bottles without cutting. Three

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



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.	Description
CF2-1	CAPP Forte Bottle-Top Dispenser, 0.25-2.5mL
CF5-1	CAPP Forte Bottle-Top Dispenser, 0.5-5mL
CF10-1	CAPP Forte Bottle-Top Dispenser, 1-10mL
CF25-1	CAPP Forte Bottle-Top Dispenser, 2.5-25mL
CF50-1	CAPP Forte Bottle-Top Dispenser 5-50mL
CF10-1-HF	CAPP Forte Bottle-Top Dispenser, 1-10mL HF for use with Hydrogen fluoride/ Hydrofluoric acid

CAPP *Maestro*

ELECTRONIC PIPETTES

CAPP *Maestro* is the electronic pipette that combines all benefits that the modern researcher needs. The Favourites button is the first function that you will see on **CAPP *Maestro***'s fully coloured OLED display. The coloured OLED display gives better optical control while pipetting as it has better contrast and a greater screen refresh rate compared to the other LCD screens. Also, an OLED display consumes less power compared to the other displays.

Lightweight construction and elegant ergonomic design with a wide hook allows you to rest the pipette at the palm of your hand with no need to actually "grab it".

CAPP *Maestro*'s tip ejector also works as a finger rest for your thumb. Simply rest your thumb on the tip ejector, and gently activate the pipetting button at the same time.

Optimize your serial work with advanced functions such as multi dispensing, dilution and mixing, all available on **CAPP *Maestro*** while easily navigating through the user-friendly graphic intuitive interface that is self explanatory and can be operated very easily!

For your routine lab work, **CAPP *Maestro*** allows you to easily store your favorite protocols and to switch from one to the other in a matter of 2 clicks.

If you are tired of exchanging the batteries too often, then try **CAPP *Maestro*** that uses lithium batteries which are ideal for long-lasting performance. You can also use this electronic pipette while it is charging.

Calibration and password setting functions are available on this pipette.



Ordering Information

Cat. No.	Description	Inaccuracy %	Imprecision %
M10-1	CAPPMaestro single channel, 0,2-10µL	2.50 / 1.00	1.80 / 0.50
M100-1	CAPPMaestro single channel, 5-100µL	2.50 / 0.70	1.00 / 0.20
M200-1	CAPPMaestro single channel, 10-200µL	2.50 / 0.60	0.70 / 0.20
M1000-1	CAPPMaestro single channel, 50-1000µL	2.00 / 0.80	0.60 / 0.20
M5000-1	CAPPMaestro single channel, 500-5000µL	2.40 / 0.60	0.60 / 0.15

CAPPTronic

ELECTRONIC PIPETTES



The **CAPPTronic** is certainly one of the easiest electronic pipettes to set and use. Having only a one-side programming manual, familiarizing yourself with **CAPPTronic's** functions takes just a matter of minutes.

Apart from standard pipetting, you can choose between the most widely used pipetting modes - including reverse pipetting, multi dispensing, mixing and sequential dispensing.

Up to nine individual protocols can be stored thanks to the extensive memory capacity.

Supplied with one long-life and easily exchangeable lithium battery, the **CAPPTronic** allows for uninterrupted pipetting without the need to stop work in order to recharge.

The O-rings on the tip base provides an excellent fit with a great variety of universal fitting tips.



Ordering Information

Cat. No.	Description	Inaccuracy %	Imprecision %	Colour
E20-8BA	CAPPTronic electronic pipette, 8-channel, 2-20 μ L	1.00	0.30	Red
E200-8BA	CAPPTronic electronic pipette, 8-channel, 10-200 μ L	0.60	0.15	Yellow
E1200-8BA	CAPPTronic electronic pipette, 8-channel, 100-1200 μ L	0.50	0.15	Blue

CAPP *Tempo*

ELECTRONIC PIPETTES

The **CAPP *Tempo*** pipette controller has revolutionary features that separate it from other pipette controllers.

LED Display

- Display shows aspiration and dispense speeds
- Displays remaining battery life and flashes when the power is low
- Display turns-off after 20 seconds of non-use to conserve battery

Adjustable speeds

- Powerful motor fills 25mL in 5 seconds (at speed level six)
- Separate speed controls for aspiration and dispense modes
- Six different speed settings for both aspiration and dispense modes

Electronic Brake System (EBS)

- Apply EBS to slow down at the last second to dial in the most accurate volume
- Press EBS a second time to return to max speed
- EBS maximizes speed and precision

Power Supply

- Lithium ion battery, full charge provides 8 hours of continuous use
- Battery can be charged while pipette is in use

Ordering Information

Cat. No.	Description
T100-B	CAPPTempo Blue
T100-G	CAPPTempo Green
T100-R	CAPPTempo Red
T100-V	CAPPTempo Violet
T100-CS	CAPPTempo Charging Stand





CAPP Controller

MOTORIZED PIPETTE CONTROLLER

Features:

- Light and fatigue free: weighs only 167g including the battery
- Lithium battery with no memory effect and up to 12 hours of continuous use
 - Can be charged while in use
- Powerful: 50mL pipette is filled in less than 10 seconds
 - Express dispensing: depress the dispensing button beyond the built-in point of resistance
- Gravity delivery and blow-out dispensing mode selection
 - Fully adjustable speed-setting
- Exchangeable 0.2 μ m PTFE disc filter acts as effective shut-down system if overfill occurs
 - Exchangeable pipette holders are made of silicon
- For use with glass or plastic pipettes ranging from 0.1mL to 100mL
 - Vapour outlet for venting out corrosive liquids or fumes
- Fully autoclavable nose cone
 - UV-resistant housing
- Complies with CE and RoHS



Ordering Information

Cat. No.	Description
PA-100	CAPPController Motorized Controller, 0.1-100mL

CAPP R10

MECHANICAL REPEATER

Features:

- Highly resistant towards a broad range of chemicals
- Easier selection and dispensing through a vision panel
- Reliable and maintenance-free due to its robust design
- Flexible: 12 tip sizes, 10 volume adjustments and 120 program steps
- Reliable ergonomics for your lab routine without sacrificing ultimate precision
- The table below shows all dosing possibilities at a glance for choosing the most suitable tip for your application
- Handy, having a perfect ergonomic design. One-hand operation of volume selection, loading and dispensing of liquids
- Convenient: the easy-moving dosing button and the lightweight instrument makes long dosing series more comfortable
- High compatibility: **CAPP R10** mechanical repeater is compatible both with **CAPP Harmony** syringes and also with tips of many common brands



CAPP R10 Dispensing Volumes

Program No.	1	2	3	4	5	6	7	8	9	10
0.05mL	1 µL	1.5µL	2µL	2.5µL	3µL	3.5µL	4µL	4.5µL	5µL	5.5µL
0.1mL	2 µL	3µL	4µL	5µL	6µL	7µL	8µL	9µL	10µL	11µL
0.2mL	4 µL	6µL	8µL	10µL	12µL	14µL	16µL	18µL	20µL	22µL
0.5mL	10 µL	15µL	20µL	25µL	30µL	35µL	40µL	45µL	50µL	55µL
1mL	20 µL	30µL	40µL	50µL	60µL	70µL	80µL	90µL	100µL	110µL
1.25mL	25 µL	37.5µL	50µL	62.5µL	75µL	87.5µL	100µL	112.5µL	125µL	137.5µL
2.5mL	50 µL	75µL	100µL	125µL	150µL	175µL	200µL	225µL	250µL	275µL
5mL	100 µL	150µL	200µL	250µL	300µL	350µL	400µL	450µL	500µL	550µL
10mL	200µL	300µL	400µL	500µL	600µL	700µL	800µL	900µL	1000µL	1100µL
12.5mL	250µL	375µL	500µL	625µL	750µL	875µL	1000µL	1125µL	1250µL	1375µL
25mL	500 µL	750µL	1000µL	1250µL	1500µL	1750µL	2000µL	2250µL	2500µL	2750µL
50mL	1000 µL	1500µL	2000µL	2500µL	3000µL	3500µL	4000µL	4500µL	5000µL	5500µL
Steps	48	31	22	18	14	12	10	9	8	7

Ordering Information

Cat. No.	Description
PR-10	CAPP R10 Mechanical Repeater

CAPP *Rhythm*

MECHANICAL REPEATER

Features:

- Reliable ergonomics for your lab routine without sacrificing ultimate precision
- Covers the complete set of dispensing volumes 1-5000 μ L
- Single-handed volume selection, loading and dispensing
- Minimum maintenance requirements
- Robust design and construction
- Almost no wear on parts
- Lightweight – only 105g
- One year warranty



Ordering Information

Cat. No. Description

PR-50 CAPPRhythm Mechanical Repeater, 0.1-50mL

CAPP *Rhythm* Dispensing Volumes

Setting	1	2	3	4	5
TIPS/ Steps	48	23	15	11	8
0.05mL	1 μ L	2 μ L	3 μ L	4 μ L	5 μ L
0.5mL	10 μ L	20 μ L	30 μ L	40 μ L	50 μ L
1mL	20 μ L	40 μ L	60 μ L	80 μ L	100 μ L
1.25mL	25 μ L	50 μ L	75 μ L	100 μ L	125 μ L
2.5mL	50 μ L	100 μ L	150 μ L	200 μ L	250 μ L
5mL	100 μ L	200 μ L	300 μ L	400 μ L	500 μ L
12.5mL	250 μ L	500 μ L	750 μ L	1000 μ L	1250 μ L
25mL	500 μ L	1000 μ L	1500 μ L	2000 μ L	2500 μ L
50mL	1000 μ L	2000 μ L	3000 μ L	4000 μ L	5000 μ L

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
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 Multipette 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
Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
Not compatible	Not compatible	Fully compatible	Not 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	Not compatible	Fully compatible	Fully 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
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

Consumables Overview

EX Pell and EX PellPLUS

FILTER TIPS



Highlights

- Universal pipette compatibility
- Crystal clear clarity
- Graduation marks
- Controlled pore size
- Filter free from additives
- Low retention properties
- Certified DNase, RNase, DNA/RNA, Pyrogen Free



EX PellPLUS

INDIVIDUALLY WRAPPED TIPS



Highlights

- Universal pipette compatibility
- Sterility for every single pipetting cycle
- Ideal for applications requiring the strictest aseptic conditions
- Free from Endotoxin, DNA, DNase, RNase, and PCR inhibitor



EX PellPLUS

LOW RETENTION TIPS



Highlights

- Ultra-smooth inner surface minimizing sample binding
- Universal pipette compatibility
- Ideal for viscous samples and plasma, enzymes, foaming liquids or detergents



EX Pell and EX PellPLUS

RACKED TIPS



Highlights

- Delivered in a handy and space-saving dispenser box
- Standard and low-retention, filtered and non-filtered
- Corresponding refill system available



EX Pell

RELOAD SYSTEM



Highlights

- Easy to use, space-saving refill system for Capp racked tips



EX Pell and EX PellPLUS

BULK PIPETTE TIPS



Highlights

- Self-standing and self-sealing plastic bags
- Universal pipette compatibility



CAPP Harmony

SEROLOGICAL PIPETTES



Highlights

- Universal pipette controller compatibility
- Made from transparent medical-grade polystyrene sterilized by gamma radiation
- Tested for endotoxins, cytotoxicity and guaranteed non-haemolytic



Blu CAPP

CENTRIFUGE TUBES



Highlights

- 15mL and 50mL
- 50mL available as non-skirted and skirted (self-standing)
- ¾ turn closure
- Autoclavable, endure up to 16.000 RCF



EX Pell

CRYO TUBES AND BOXES



Highlights

- Coloured cap inserts for easier sample identification
- Innovative design optimizing storage space
- 0.5mL, 1.0mL, 2.0mL, 4.0mL, 5.0mL
- Lip seal closure, 100% leak proof
- External thread



EX Pell and EX Pell Secure

MICROCENTRIFUGE TUBES



Highlights

- 0.5mL, 1.5mL, 2.0mL transparent microtubes
- 1.5mL available as low retention
- 1.5mL tubes available in 5 colours (magenta, blue, yellow, green, orange)
- 1.5mL black microtubes for light-sensitive samples



EX Pell

PCR TUBES AND PLATES



Highlights

- 0.1mL and 0.2mL PCR tubes with plug caps, strips of 8 tubes, plates and optical adhesives



EX Pell

384-WELL PCR PLATES



Highlights

- Skirted, universally compatible with basically all standard 384-well cyclers and many 384-well block (q)PCR cyclers
- Rigid, flat, stackable



Capp Rondo BenchTop Instruments Overview

CAPP Rondo

MICROCENTRIFUGE



Highlights

- 8-slot closed rotor for 1.5mL/2.0mL tubes
- Reduction adaptors for 0.2mL/0.4mL tubes
- 6,000 RPM (available as fixed and variable speed centrifuge)
- Comes with an additional PCR strip rotor (2x8x0.2mL)
- Electronic safety brake and imbalance detection



CAPP Rondo

VORTEX MIXER



Highlights

- 4,500 RPM
- Variable speed, highly touch-sensitive
- Permissible operation temp.: 5 to 40°C, humidity: 80%



CAPP Rondo

MINICENTRIFUGE



Highlights

- 15,000 RPM
- 12-slot rotor for 1.5mL/2.0mL tubes
- Adaptors for 0.2mL/0.4mL/0.5mL tubes
- Optional accessory: PCR strip rotor (2x8x0.2mL)
- Large back-lit LCD display, remote operation
- Memory for up to 99 programs



CAPP Rondo

PLATE SHAKER



Highlights

- 1,800 RPM
- Tiny footprint, compatible with different types of microplates
- Suitable for cold rooms and fume hoods (up to 40°C)
- Comes with additional tube platform for up to 20x1.5mL/2.0mL



CAPP Rondo

REFRIGERATED CENTRIFUGE



Highlights

- 17,000 RPM
- Temp. range from -20°C to +40°C
- Multiple rotor options - 24x1.5mL/2.0mL, 30x1.5mL/2.0mL, 18x1.5mL/2.0mL microfilter tubes, 12x5mL snap cap tubes, 64x0.2mL PCR tubes or 8 rows of PCR strips, drum rotors for 8x and 16x1.5mL/2.0mL tubes



CAPP Rondo

4-PLACE PLATE SHAKER



Highlights

- 1,200 RPM
- Up to 4 microplates, universally compatible
- Programmable pulse mode
- Effortless loading, unloading and access to plates



CAPP Wash

MICROPLATE WASHER



Highlights

- 115V and 230V connections
- Small, compact, robust, autoclavable
- 8-, 12- and 16-channel versions
- Available as individual instrument or a full washkit set, including vacuum pump, tubing and bottles



CAPP Rondo

CLINICAL CENTRIFUGE



Highlights

- 6,500 RPM
- 6-slot rotor for 15mL tubes
- Adaptors for 5mL, 7mL, 10mL and 1.5mL/2.0mL tubes



CAPP Rondo

TUBE ROLLER



Highlights

- 80 RPM
- Capacity up to 15x7mL tubes
- Programmable pulse mode
- Run-Pause-Run motion
- Rocking and rolling movement for improved mixing performance



CAPP Rondo

MAGNETIC STIRRER



Highlights

- 1,500 RPM
- Load capacity 800mL
- Adjustable speed and time
- Pulse mode
- Water spill resistant – IP 65 compliant





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