CAPP®
DENMARK

CAPP
AUTOCLAVABLE   5-50 µl

Masters of precision

CAPP
DENMARK

Symphony of Precise Measurements

The intricacy of the science world is reminiscent of a music performance. As in music, a masterpiece performance calls for accuracy in each note played - in science, the precision of measurements used in research can lead either to a great discovery or a fruitless quest. Capp recognized this at the earliest stages in its development and committed itself to only one task- designing pipettes that will be the most precise instruments in the industry without compromise.

By introducing adjustable volume pipettes that can also be used with removable fixed volume knobs we created a pinnacle of accuracy that is widely used in many reference laboratories worldwide. There is no longer a reason to use multiple fixed volume pipettes as a frame of reference. Now you can have one Capp pipette with separate specific fixed volume controllers for use in most critical applications.

The construction of each Capp pipette has a shared story; a tale of artistry of the hands which gave it shape, of careful material selection, of dedicated care and patience. Each pipette is individually produced and tested by a highly skilled master. It is the passion of these masters of precision at Capp who give each product that very special characteristic: a soul.

As we are looking into the future we are focusing on delivering a full line of liquid measurement instruments of the same robust design and highest standard of precision that made Capp pipettes the instrument of choice in many critical laboratories worldwide. We invite you to experience the symphony of precise measurements as powerful as Beethoven's Ninth Symphony and as enjoyable as Mozart's Minuets.

We challenge you to bring confidence to your measurements. Become a conductor in Capp's Orchestra of Virtuosos. Experience and express sound results in every drop.

ecopipette™ by Capp
5-50 µl

Powered by P3
precision • performance • perfection

Capp is ISO9001 Certified

Fully Autoclavable

Interchangeable knobs

DoubleSafe O-rings

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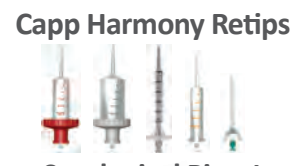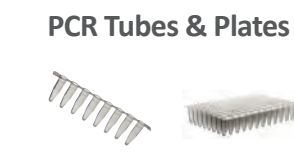
CAPP
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Capp *Bravo*

SINGLE CHANNEL PIPETTES

Manual pipetting has never been easier! **Capp Denmark** 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 Info

Capp *Bravo* variable volume

Cat. No.	Description	Inaccuracy %	Imprecision %	Color
B02-1	Capp pipette, variable vol. 0.1-2 ul, Bravo	12.00 / 2.00	6.00 / 1.00	
B10-1	Capp pipette, variable vol. 0.5-10 ul, Bravo	2.50 / 1.00	1.80/ 0.50	
B20-1	Capp pipette, variable vol. 2-20 ul, Bravo	5.00 / 1.00	1.50 / 0.30	
B50-1	Capp pipette, variable vol. 5-50 ul, Bravo	2.00 / 1.00	1.20 / 0.30	
B100-1	Capp pipette, variable vol. 10-100 ul, Bravo	2.50 / 0.70	1.00 / 0.20	
B200-1	Capp pipette, variable vol. 20-200 ul, Bravo	2.50 / 0.60	0.70 / 0.20	
B1000-1	Capp pipette, variable vol. 100-1000 ul, Bravo	2.00 / 0.80	0.60 / 0.20	
B5000-1	Capp pipette, variable vol. 1-5 ml, Bravo	1.20 / 0.60	0.30 / 0.15	
B10000-1	Capp pipette, variable vol. 1-10 ml, 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 ul, Bravo	2.50	1.80
B02-1F	Capp pipette, fixed vol. 2 ul, Bravo	2.00	1.00
B05-1F	Capp pipette, fixed vol. 5 ul, Bravo	1.20	0.80
B10-1F	Capp pipette, fixed vol. 10 ul, Bravo	1.00	0.50
B20-1F	Capp pipette, fixed vol. 20 ul, Bravo	1.00	0.30
B50-1F	Capp pipette, fixed vol. 50 ul, Bravo	1.00	0.30
B100-1F	Capp pipette, fixed vol. 100 ul, Bravo	0.70	0.20
B200-1F	Capp pipette, fixed vol. 200 ul, Bravo	0.60	0.20
B500-1F	Capp pipette, fixed vol. 500 ul, Bravo	0.80	0.15
B1000-1F	Capp pipette, fixed vol. 1000 ul, Bravo	0.80	0.20
B5000-1F	Capp pipette, fixed vol. 5 ml, Bravo	0.60	0.15
B10000-1F	Capp pipette, fixed vol. 10 ml, Bravo	0.60	0.15

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
D E N M A R K

ecopipette
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 advanced life.
Capp ecotrade™ program: Return any brand of old pipettes in exchange for discounted new ecopipettes™. At Capp ApS, 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-ring 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.•

ecopipette™
by CAPP   5-50 µl   5 0 0

Ordering Info

ecopipette variable volume

Cat No.	Description	Inaccuracy%	Imprecision%	Color
C02-1S	Capp pipette, variable vol. 0.2-2 ul, ecopipette	12.00 / 2.00	6.00 / 1.00	
C02-1	Capp pipette, variable vol. 0.2-2 ul, ecopipette (lenght as C10-1)	12.00 / 2.00	6.00 / 1.00	
C10-1	Capp pipette, variable vol. 0.5-10 ul, ecopipette	2.50 / 1.00	1.80/ 0.50	
C20-1	Capp pipette, variable vol. 2-20 ul, ecopipette	5.00 / 1.00	1.50 / 0.30	
C50-1	Capp pipette, variable vol. 5-50 ul, ecopipette	2.00 / 1.00	1.20 / 0.30	
C100-1	Capp pipette, variable vol. 10-100 ul, ecopipette	2.50 / 0.70	1.00 / 0.20	
C200-1	Capp pipette, variable vol. 20-200 ul, ecopipette	2.50 / 0.60	0.70 / 0.20	
C1000-1	Capp pipette, variable vol. 100-1000 ul, ecopipette	2.00 / 0.80	0.60 / 0.20	
C5000-1	Capp pipette, variable vol. 1-5 ml, ecopipette	1.20 / 0.60	0.30 / 0.15	

ecopipette fixed volume (customized volumes available on request)

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

ecopipette Starter Packs

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

CappAero96

MULTICHANNEL PIPETTES

CappAero™ Multichannel Pipettes

Easy and light tip mounting & ejection .

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

The unique design of the CappAero™ Multichannel pipettes 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 CappAero™ Multi 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. In addition to it, CappAero™ 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 CappAero™ Multi 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 CappAero™ Multi's use of anodized aluminum and metal nose cones instead of plastic ones substantially reduce incidence of breakage due to accidental dropping and tips mounting. The majority of internal construction parts are made of light weight metal components and along with stainless steel pistons ensure a highly robust performance for ultimate stability overtime in terms of accuracy and precision. This smart and highly ergonomic pipette is built to last.

Related products:

CappOrigami™

Use your reagent most efficiently with CappOrigami™ Reagent Reservoirs
The CappOrigami™ represents a new way of thinking when it comes to reagent reservoirs. The stiff architecture procure a consistently sharp V-shape reservoir. This makes the 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 Info

Reagent Reservoirs: CappOrigami 30ml and 40ml reservoirs for multichannel pipetting

CA40505	CappOrigami 30 ml (8- and 16-channel pipettes), bag w/ 50 pcs
CA40506	CappOrigami 30 ml (8- and 16-channel pipettes), Pre-sterile, 10 bags w/ 5 pcs each
CA40510	CappOrigami 40 ml (12-channel pipettes), bag w/ 50 pcs
CA40511	CappOrigami 40 ml (12-channel pipettes), Pre-sterile, 10 bags w/ 5 pcs each

Starter Kits

SK-08-XX	Two 8-channel pipettes free of choice, stand, 2 racks of tips and timer
SK-12-XX	Two 12-channel pipettes free of choice, stand, 2 racks of tips and timer

Standard

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

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CappAero384

MULTICHANNEL PIPETTES

CappAero™ 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 CappAero™ 48 & 64 channel pipette allows for pipetting large samples within a short period of time while reducing the workload. The CappAero™ 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 384 Multichannel Pipettes feature lightweight construction and produce a consistent and reliable liquid transfer result in one ergonomic solution.

CAPP
AUTOCLAVABLE   0.5-10 µl

ExpellPlus™ low retention and Expell™ Tips

High quality, low retention tips

Capp offers a range of ExpellPlus™ 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 ExpellPlus™ 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.

Ordering Info

Standard Line

Cat No.	Description	Innacuracy %	Imprecision %	
C02-16	Capp multi pipettes, 16-channel, 0.2-2 ul	4.00	2.00	
C10-16	Capp multi pipettes, 16-channel, 0.5-10 ul	2.00	1.00	
C50-16	Capp multi pipettes, 16-channel, 5-50 ul	1.40	0.60	
C10-48	Capp multi pipettes, 48-channel, 0.5-10 ul	4.00	2.00	
C10-64	Capp multi pipettes, 64-channel, 0.5-10 ul	4.00	2.00	

ExpellPlus™ low retention tips

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

Starter Kits

Cat No.	Description
SK-16-XX	One 16-channel pipette free of choice, stand, 3 racks of tips and timer
SK-64-XX	One 64-channel pipette free of choice, stand, 3 racks of tips and timer

CappTrio

TRI-VOLUME PIPETTES

Capp Tri-Volume Pipettes: As the only pipette manufacturer that offers pipettes with detachable volume counters, Capp introduces a ready-to-go pipette set which includes three fixed volume knobs.

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

Ordering Info

Capp Tri-volume pipettes

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

Microbiology

SINGLE CHANNEL PIPETTES

Capp Microbiology Pipettes: Ideal for microbiology tests in the food industry, this pipette is supplied with three fixed volume knobs at 100ul, 900ul and 1000ul and has a modified tip cone suited for use with a sterile extended length straw, allowing further reach and pipetting of viscous liquids such as milk, cream, yoghurt and cosmetics. It is an ideal instrument for protocols involving dilution of 1:10.

Main features:

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

Ordering Info

CappAero Microbiology pipettes (for use with sterile straws)

Cat No.	Description	Innacuracy %	Imprecision %
C1000-1BS	CappAero Microbiology pipette, with 100ul, 900ul and 1000ul volume knobs	3.00/1.60	0.80/0.30
4170807	Pre-sterile straws for CappAero microbiology pipette, 40x25 pcs.		

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.

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 Popular 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.

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, user can buy one Capp pipette and four inexpensive knobs to achieve the same precise results.

Ordering Info

Timer

Cat No.	Description
T-01	CappTimer™

Pipette filters

Cat No.	Description
C1000-1-FT	Disposable filter for use with Capp ecopipette 100-1000ul, bag w/ 50 pcs.
C5000-1-FT	Disposable filter for use with Capp ecopipette 1-5ml, bag w/ 25 pcs.

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 bravo
S-06	Stand for up to 3 CappTronic pipettes
00392-1	Block for 4 volume controllers

Extra volume knobs for Capp mechanical pipettes

Cat No.	Description	Color
2-VZ	Variable volume controller knob for 0.2-2ul pipettes	
10-VZ	Variable volume controller knob for 0.5-10ul pipettes	
20-VZ	Variable volume controller knob for 2-20ul pipettes	
50-VZ	Variable volume controller knob for 5-50ul pipettes	
100-VZ	Variable volume controller knob for 10-100ul pipettes	
200-VZ	Variable volume controller knob for 20-200ul pipettes	
300-VZ / 1	Variable vol. controller knob, 30-200ul, for 30-300ul pipettes	
300-VZ	Variable vol. controller knob, 125-300ul, for 30-300ul pipettes	
1000-VZ	Variable volume controller knob for 100-1000ul pipettes	
5000-VZ	Variable volume controller knob for 1000-5000ul pipettes	
02-FE-1	1 ul fixed volume controller knob for 0.2-2 ul pipette	
02-FE-2	2 ul fixed volume controller knob for 0.2-2 ul pipette	
10-FE-5	5 ul fixed volume controller knob for 0.5-10 ul pipette	
10-FE-10	10 ul fixed volume controller knob for 0.5-10 ul pipette	
20-FE-10	10 ul fixed volume controller knob for 2-20 ul pipette	
20-FE-20	20 ul fixed volume controller knob for 2-20 ul pipette	
50-FE-20	20 ul fixed volume controller knob for 5-50 ul pipette	
50-FE-25	25 ul fixed volume controller knob for 5-50 ul pipette	
50-FE-50	50 ul fixed volume controller knob for 5-50 ul pipette	
100-FE-30	30 ul fixed volume controller knob for 10-100 ul pipette	
100-FE-50	50 ul fixed volume controller knob for 10-100 ul pipette	
100-FE-100	100 ul fixed volume controller knob for 10-100 ul pipette	
200-FE-100	100 ul fixed volume controller knob for 20-200 ul pipette	
200-FE-200	200 ul fixed volume controller knob for 20-200 ul pipette	
300-FE-300	300 ul fixed volume controller knob for 30-300 ul pipette	
1000-FE-500	500 ul fixed volume controller knob for 100-1000 ul pipette	
1000-FE-1000	1000 ul fixed volume controller knob for 100-1000 ul pipette	
5000-FEA-5000	5000 ul fixed volume controller knob for 1-5 ml, model AZ	
xxx-FE-yyy	Other fixed vol. controllers, ecopipette	

CappMaestro

ELECTRONIC PIPETTES

Capp Maestro is the electronic pipette that combines all benefits that the modern researcher needs. Users of electronic pipettes want to have the ability to work as fast as on a mechanical pipette, yet benefiting from the functions of an electronic pipette.

The Favorites button is the first function that you will see on Capp Maestro's fully colored OLED display. The colored OLED display gives better optical control while pipetting as they have better contrast and greater screen refresh rate compared to the other LCD screens. Also, OLED display consume less power compared to the other display.

Lightweight construction and elegant ergonomic design with 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 you thumb on the tip ejector, and gently activate the pipetting button at the same time.

Capp *Maestro*

E L E C T R O N I C   P I P E T T E S

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 reoutine lab work, Capp Maestro allows you to easily store your favorite protocols and allows you 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 on charging.

Calibration and password setting functions are also available on this pipette.

Ordering Info

Cat No.	Description	Innacuracy %	Imprecision %
M10-1	Capp Maestro single channel, 0,2-10ul	2.50 / 1.00	1.80 / 0.50
M100-1	Capp Maestro single channel, 5-100ul	2.50 / 0.70	1.00 / 0.20
M200-1	Capp Maestro single channel, 10-200ul	2.50 / 0.60	0.70 / 0.20
M1000-1	Capp Maestro single channel, 50-1000ul	2.00 / 0.80	0.60 / 0.20
M5000-1	Capp Maestro single channel, 500-5000ul	1.20 / 0.60	0.30 / 0.15

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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 one's self with CappTronic's™ functions is 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 bases provide an excellent fit with a great variety of universal fitting tips.

Ordering Info

Capp Tronic Single

Cat No.	Description	Innacuracy %	Imprecision %	Color
E20-1BA	Capp electronic pipette, single channel, 2-20 ul	1.00	0.30	
E200-1BA	Capp electronic pipette, single channel, 10-200 ul	0.60	0.15	
E1000-1BA	Capp electronic pipette, single channel, 100-1000 ul	0.50	0.15	

Capp Tronic Multi

Cat No.	Description	Innacuracy %	Imprecision %	Color
E20-8BA	Capp electronic pipette, 8-channel, 2-20 ul	1.00	0.30	
E200-8BA	Capp electronic pipette, 8-channel, 10-200 ul	0.60	0.15	
E1200-8BA	Capp electronic pipette, 8-channel, 100-1200 ul	0.50	0.15	

Capp *Tempo*

PIPETTE CONTROLLER

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 power is low
Display turns-off after 20 seconds of non-use to conserve battery

Adjustable speeds
Powerful motor fills 25ml in under 12 seconds
Separate speed contr ols for aspiration and dispense modes
Six different speed settings for both aspiration and dispense modes

Electronic Break System (EBS)
EBS maximizes speed and pr ecision
Apply EBS t o slow down at the last second t o dial in the most accurat e volume
Press EBS a second time t o return to max speed

Power Supply
Lithium ion battery, full charge provides 8 hours of continuous use
Battery can be charged while pipette is being used

Ordering Info

Capp *Tempo*

Cat No.	Description
T100-B	CappTempo Blue
T100-G	CappTempo Green
T100-R	CappTempo Red
T100-V	CappTempo Violet

Capp **Controller**

M O T O R I Z E D   P I P E T T E   C O N T R O L L E R

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

Ordering **Info**

Capp **Motorized Controller**

Cat No.	Description
PA-100	Capp Motorized controller, 0.1-100ml

Capp *Rhythm*

MECHANICAL REPEATER

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

Ordering Info

Cat No.	Description
PR-50	Capp Rhythm Mechanical Repeater, 0.1-50ml

STARTER KIT

SK-PR-50	One Capp Repeater and One Capp Harmony Syringes Samples Package Includes 5pcs of bulk syringes from 0.05 - 25ml and 5 pcs of sterile of 2.5ml, 5ml and 12.5ml

Capp Rhythm dispensing volumes				
Setting	1	2	3	4	5
TIPS/ Steps	48	23	15	11	8
0,05 ml	1 µl	2 µl	3 µl	4 µl	5 µl
0,50 ml	10 µl	20 µl	30 µl	40 µl	50 µl
1,00 ml	20 µl	40 µl	60 µl	80 µl	100 µl
1,25 ml	25 µl	50 µl	75 µl	100 µl	125 µl
2,50 ml	50 µl	100 µl	150 µl	200 µl	250 µl
5,00 ml	100 µl	200 µl	300 µl	400 µl	500 µl
12,50 ml	250 µl	500 µl	750 µl	1000 µl	1250 µl
25,00 ml	500 µl	1000 µl	1500 µl	2000 µl	2500 µl
50,00 ml	1000 µl	2000 µl	3000 ml	4000 µl	5000 µl

Capp *R10*

MECHANICAL REPEATER

- Reliable ergonomics for your lab routine without sacrificing ultimate precision
- Easier selection and dispensing through a vision panel
- The dosing table shows all dosing possibilities at a glance for choosing the most suitable tip for your application
- Flexible: 12 tip sizes, 10 volume adjustments and 120 program steps
- Handy, having a perfect ergonomic design. One-hand operation of volume selection, loading and dispensing of liquids
- Convenient: the easy-moving dosing button in combination with the low weight of the instrument makes long dosing series most comfortable
- High compatibility: R10 is compatible not only with CappHarmony syringes but also with tips of many common brands
- Reliable & maintenance-free due to its robust design
- Highly resistant towards a broad range of chemicals

Ordering
Info

Cat No.	Description
PR-10	Capp R10 mechanical

STARTER KIT

SK-PR-10	One Capp R10 repeater and one Capp Harmony syringes samples package (includes 5 pieces of bulk syringes from 0,05 to 25ml and 5 pieces of sterile)

Capp R10 dispensing volumes									
Program number									
1	2	3	4	5	6	7	8	9	10
0,05 ml 1 µl	1,5 µl	2 µl	2,5 µl	3 µl	3,5 µl	4 µl	4,5 µl	5 µl	5,5 µl
0,10 ml 2 µl	3 µl	4 µl	5 µl	6 µl	7 µl	8 µl	9 µl	10 µl	11 µl
0,20 ml 4 µl	6 µl	8 µl	10 µl	12 µl	14 µl	16 µl	18 µl	20 µl	22 µl
0,50 ml 10 µl	15 µl	20 µl	25 µl	30 µl	35 µl	40 µl	45 µl	50 µl	55 µl
1,00 ml 20 µl	30 µl	40 µl	50 µl	60 µl	70 µl	80 µl	90 µl	100 µl	110 µl
1,25 ml 25 µl	37,5 µl	50 µl	62,5 µl	75 µl	87,5 µl	100 µl	112,5 µl	125 µl	137,5 µl
2,50 ml 50 µl	75 µl	100 µl	125 µl	150 µl	175 µl	200 µl	225 µl	250 µl	275 µl
5,00 ml 100 µl	150 µl	200 µl	250 µl	300 µl	350 µl	400 µl	450 µl	500 µl	550 µl
10,00 ml 200 µl	300 µl	400 µl	500 µl	600 µl	700 µl	800 µl	900 µl	1000 µl	1100 µl
12,50 ml 250 µl	375 µl	500 µl	625 µl	750 µl	875 µl	1000 µl	1125 µl	1250 µl	1375 µl
25,00 ml 500 µl	750 µl	1000 µl	1250 µl	1500 µl	1750 µl	2000 µl	2250 µl	2500 µl	2750 µl
50,00 ml 1000 µl	1500 µl	2000 ml	2500 µl	3000 µl	3500 µl	4000 µl	4500 µl	5000 µl	5500 µl
48	31	22	18	14	12	10	9	8	7
Steps									

CAPP
D E N M A R K

ExpellPlus

THE PREMIUM PIPETTE TIPS FROM CAPP

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

Premium design - 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:

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

Premium manufacturing – absolutely no compromise made on the quality parameters:

- Superb quality, Swiss made injection molds
- Clean-room facility to eliminate the risk of contamination
- Certified RNase, DNase, DNA and Pyrogen free
- Made from virgin polypropylene

Premium portfolio:

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

Expell**Plus**

THE PREMIUM FILTER TIPS FROM CAPP

Filter tips are primarily used to prevent cross contamination on critical applications such as in the field of Molecular Biology. The ExpellPlus filter tips are not only made out of Premium design & manufacturing, but also, as important, of a Premium filter.

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
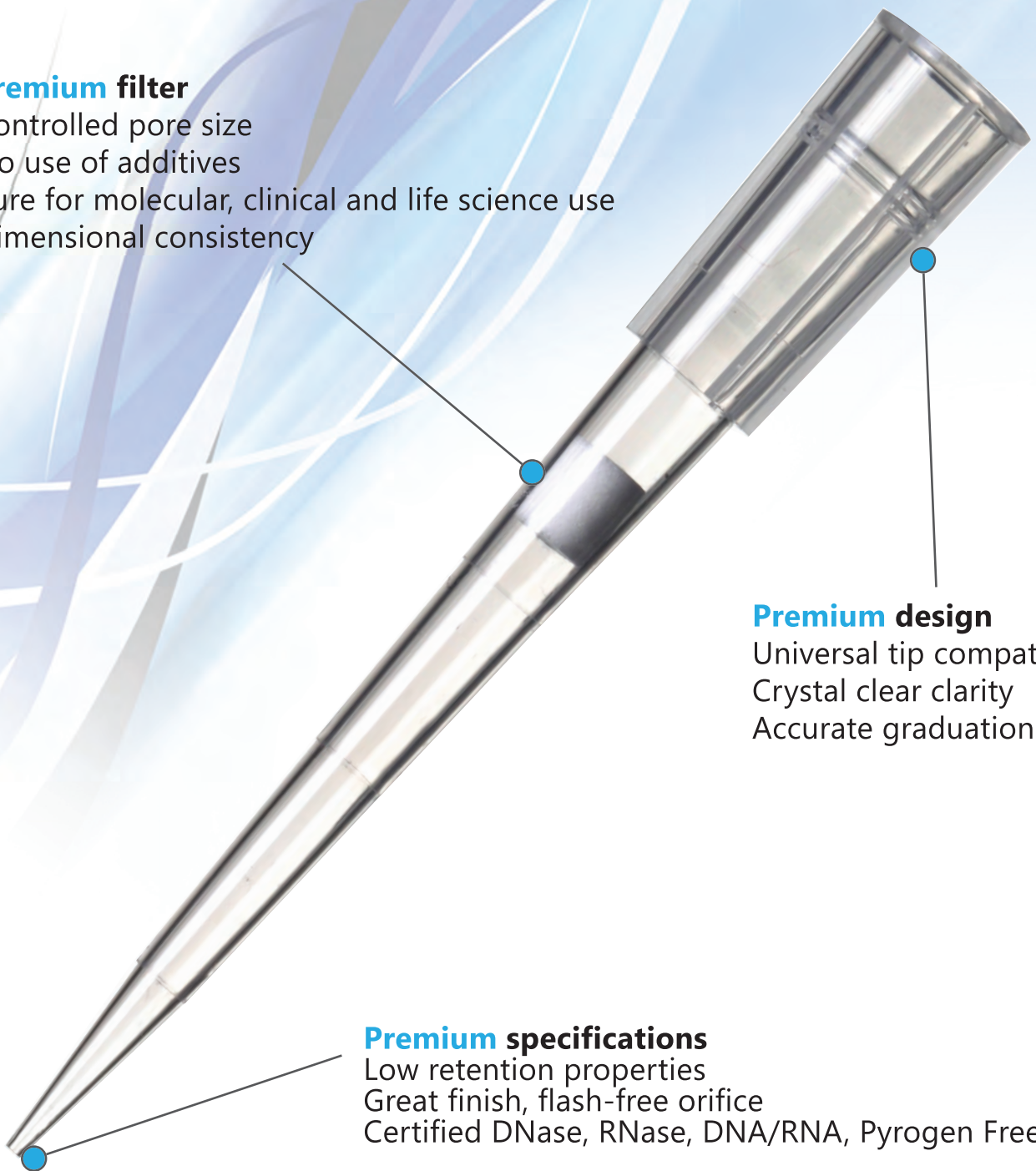
Expell

RELOAD SYSTEM MADE EASY

Easy to use

•Very convenient compared to some of the other reloading systems available
•The most cost effective solution compared to bulk or racked systems
•Save considerable bench space and minimize your downtime

Eco friendly

•Save substantially on plastic consumption and shipping costs
•Reuse your empty tip racks permanently

Ordering Information

ExpellPlus Filter tips

Cat No.	Description
5030030C	ExpellPlus 10ul, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131030C	Expell 10ul, bag, w/ filter, 20x1000 pcs.
5030060C	ExpellPlus 10ul XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131060C	Expell 10ul long, bag, w/ filter, 20x1000 pcs.
5030062C	ExpellPlus 20ul, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131062C	Expell 20ul, bag, w/ filter, 10x1000 pcs.
5030066C	ExpellPlus 100ul, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131066C	Expell 100ul, bag, w/ filter, 10x1000 pcs.
5030090C	ExpellPlus 200ul, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131090C	Expell 200ul, bag, w/ filter, 10x1000 pcs.
5030115C	ExpellPlus 300ul, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130150C	Expell 1000ul, pre-sterile w/ filter, hgd. rks.4x8x96 pc.
5131150C	Expell 1000ul, bag, pre-sterile w/ filter, 10x1000 pcs.
5130123C	Expell 1250ul XL, pre-sterile w/ filter, hgd. rks.4x8x96 pc.

Expell standard tips and ExpellPlus low retention tips

Cat No.	Description
5130010C	Expell 10ul, clear, bag, 20x1000 pcs.
5030010C	ExpellPlus 10ul, pre-sterile, clear, bag, 20x1000 pcs
5030015C	Expell 10ul, hinged racks, 5x10x96 pcs.
5030020C	ExpellPlus 10ul, pre-sterile, hinged racks, 5x10x96 pcs.
5030034C	Empty rack for 10ul reload tips, 50 pcs.
5030035C	Expell 10ul, reload, 10x10x96 pcs.
5130040C	Expell 10ul long, clear, bag, 20x1000 pcs.
5030040C	ExpellPlus 10ul long, pre-sterile, clear, bag, 20x1000 pcs.
5030045C	Expell 10ul long, hinged racks, 5x10x96 pcs.
5030050C	ExpellPlus 10ul long, pre-sterile, hinged racks, 5x10x96 pcs.
5030054C	Empty rack for 10ul long tips, 50 pcs.
5030055C	Expell 10ul long, reload, 10x10x96 pcs.
5130070C	Expell 200ul, clear, bag, 10x1000 pcs.
4130075C	Expell 200ul, yellow, bag, 10x1000 pcs.
5030070C	ExpellPlus 200ul, pre-sterile, clear, bag, 10x1000 pcs.
5030075C	Expell 200ul, hinged racks, 5x10x96 pcs.
5030080C	ExpellPlus 200ul, pre-sterile, hinged racks, 5x10x96 pcs.
5030094C	Empty rack for 200ul reload tips, 50 pcs.
5030095C	Expell 200ul, reload, 10x10x96 pcs.

Cat No.	Description
5130100C	Expell 300ul, clear, bag, 10x1000 pcs.
5130105C	Expell 300ul, hinged racks, 5x10x96 pcs.
5130110C	Expell 300ul, pre-sterile, hinged racks, 5x10x96 pcs.
5130130C	Expell 1000ul (1250ul), clear, bag, 5x1000 pcs.
4130135C	Expell 1000ul (1250ul), blue, bag, 5x1000 pcs.
5130135C	Expell 1000ul (1250ul), hinged racks, 4x8x96 pcs.
5130140C	Expell 1000ul (1250ul), pre-sterile, hinged racks, 4x8x96 pcs.
5130125C	Empty rack for 1000ul (1250ul) reload tips, 32 pcs.
5130155C	Expell 1000ul (1250ul), reload, 10x5x96 pcs.
5130120C	Expell 1250ul XL, clear, bag, 4x1000 pcs.
5130121C	Expell 1250ul XL, hinged racks, 4x8x96 pcs.
5130122C	Expell 1250ul XL, pre-sterile, hinged racks, 4x8x96 pcs
5130160C	Expell 5000ul, clear, bag, 10x250 pcs.
5130165C	Expell 5000ul, pre-sterile, racks, 10x50 pcs.
5130190C	Expell 10000ul, clear, bag, 5x200 pcs.
5130195C	Expell 10000ul, pre-sterile, racks, 10x25 pcs.

Expell & Expell**Plus**

COMPATIBILITY CHART

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

	5130010C 5030010C 5030015C 5030020C 5030035C	5030030C 5131030C	5130040C 5030040C 5030045C 5030050C 5030055C	5030060C 5131060C	5030062C 5131062C	5030066C 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	2-20 µl	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	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	2-20µl	2-20µl 10-100µl
Brand Transferpette, Transferpette S, Transferpette Electronic	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	2-20µl	2-20µl 10-100µl
Finnpipette Digital	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	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	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	0.1-2 µl 0.5-10µl	2-20µl	2-20µl 10-100µl

Expell & ExpellPlus

COMPATIBILITY CHART

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

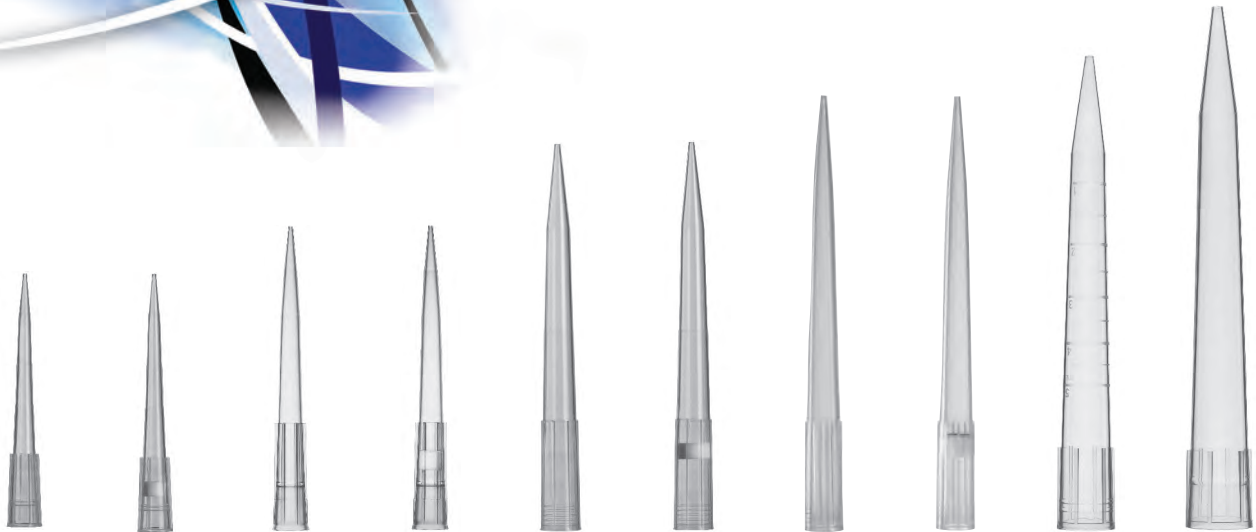| 5130070C 4130075C 5030070C 5030075C 5030080C 5030095C	5030090C 5131090C	5130100C 5130105C 5130110C	5030115C	5130130C 4130135C 5130135C 5130140C 5130155C	5130150C 5131150C	5130120C 5130121C 5130122C	5130123C	5130160C 5130165C	5130190C 5130195C
2-20µl 5-50µl 10-100µl 20-200µl	2-20µl 5-50µl 10-100µl 20-200µl	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

CONSUMABLES

Capp *Harmony*

COMPATIBILITY CHART

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

	RS-01-C RS-01S-C Capp Harmony syringes 0,05 ml 100 pcs.	RS-11-C RS-11S-C Capp Harmony syringes 0,1 ml, 100 pcs.	RS-12-C RS-12S-C Capp Harmony syringes 0,2 ml, 100 pcs.	RS-02-C RS-02S-C Capp Harmony syringes 0,5 ml, 100 pcs.	RS-13-C RS-13S-C Capp Harmony syringes 1,0 ml, 100 pcs.	RS-03-C RS-03S-C Capp Harmony syringes 1,25 ml, 100 pcs.
Capp Rhythm repeater	Fully compatible	Not compatible	Not compatible	Fully compatible	Not compatible	Fully compatible
Capp R10 repeater	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
Biohit Mechanical Stepper	Fully compatible	Not compatible	Not compatible	Fully compatible	Fully compatible	Fully compatible
eLINE Lite Dispenser	Not compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Not compatible
eLINE Pro Dispenser	Not compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Not compatible
Fisherbrand	Fully compatible	Not compatible	Not compatible	Fully compatible	Not compatible	Fully compatible
HTL MINILAB 201	Fully compatible	Not compatible	Not compatible	Fully compatible	Not compatible	Fully compatible
Brand HandyStep	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
Brand HandyStep electronic	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Not compatible	Fully compatible
Gilson Distriman/ Repetman	Not compatible	Not compatible	Not compatible	Not compatible	Not compatible	Fully compatible
Rainin AutoRep S	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
Rainin AutoRep E	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Not compatible	Fully compatible

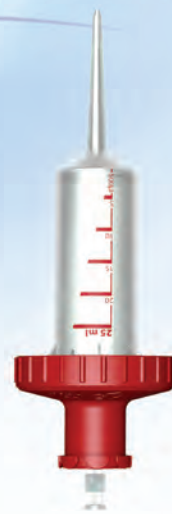| RS-04-C RS-04S-C **Capp Harmony syringes 2,5 ml, 100 pcs.**	RS-05-C RS-05S-C **Capp Harmony syringes 5,0 ml, 100 pcs.**	RS-14-C RS-14S-C **Capp Harmony syringes 10,0 ml, 100 pcs.**	RS-06-C RS-06S-C **Capp Harmony syringes 12,5 ml, 100 pcs.**	RS-07-C RS-07S-C **Capp Harmony syringes 25,0 ml, 25 pcs.**	RS-08-C RS-08S-C **Capp Harmony syringes 50,0 ml, 25 pcs.**
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	Not 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	Not compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Not 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	Fully compatible
Fully compatible	Fully compatible	Not compatible	Fully compatible	Fully compatible	Fully compatible
Not compatible	Not compatible	Not compatible	Fully compatible	Not compatible	Not 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

Capp *Harmony*

S E R O L O G I C A L   P I P E T T E S

• 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%. Reverse graduations show volume removed or remaining on all pipettes larger than 1mL.
• Generous negative graduations provide additional pipetting volume.
• Each pipette comes with effective filter barrier to prevent overflow of liquid into pipette.
• Designed to fit all available motorized pipette controllers on the market.
• Pipettes are supplied individually wrapped in fiber-free colour coded paper and plastic combination that is easy to open. The uniform mouth piece fits all major pipettors and is color coded for ease of identification.

Capp Harmony pipettes are made from transparent medical grade polystyrene sterilized by gamma irradiation. Each lot is tested for endotoxins (C.5 Eu/Ml) (ISO TO993-11). Cytotoxicity (ISO 10993-5) and are guaranteed non-haemolytic (ISO 10993-4). Ideal for use within tissue culture applications.

Ordering Info

Cat No.	Description	Volume	Package	Color
SP-1-C	Serological pipette	1ml	500 pcs.	🟡
SP-2-C	Serological pipette	2ml	500 pcs.	🟢
SP-5-C	Serological pipette	5ml	200 pcs.	🔵
SP-10-C	Serological pipette	10ml	200 pcs.	🟠
SP-25-C	Serological pipette	25ml	150 pcs.	🔴
SP-50-C	Serological pipette	50ml	100 pcs.	🟣
SP-100-C	Serological pipette	100ml	50 pcs.	

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)

The leak proof caps have large ridges to provide the optimal grip when wearing gloves. Combined with the 3/4th 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 16000 RCF.

Ordering Info

Centrifuge Tubes: BluCapp 15ml and 50ml tubes

Cat. No.	Description
5100015C	BluCapp 15ml, pre-sterile, 20x25 pcs.
5100050C	BluCapp 50ml, pre-sterile, 20x25 pcs.
5100060C	BluCapp 50ml, pre-sterile, self-standing, 20x25pcs.

Expell

MICROCENTRIFUGE TUBES

The Expell graduated microcentrifuge tubes are manufactured from virgin PP, out of the finest molds available.
The main features are one hand open/close operation, perfect sealing and evaporation protection, polished interior to prevent from protein adhesion and high clarity for good sample visibility.

All Expell microcentrifuge tubes are DNase, RNase, Pyrogen free and withstand up to 20,000g.

Trust the Expell microcentrifuge tubes from Capp, and experience a fantastic stability on your centrifugation protocols.

Ordering Info
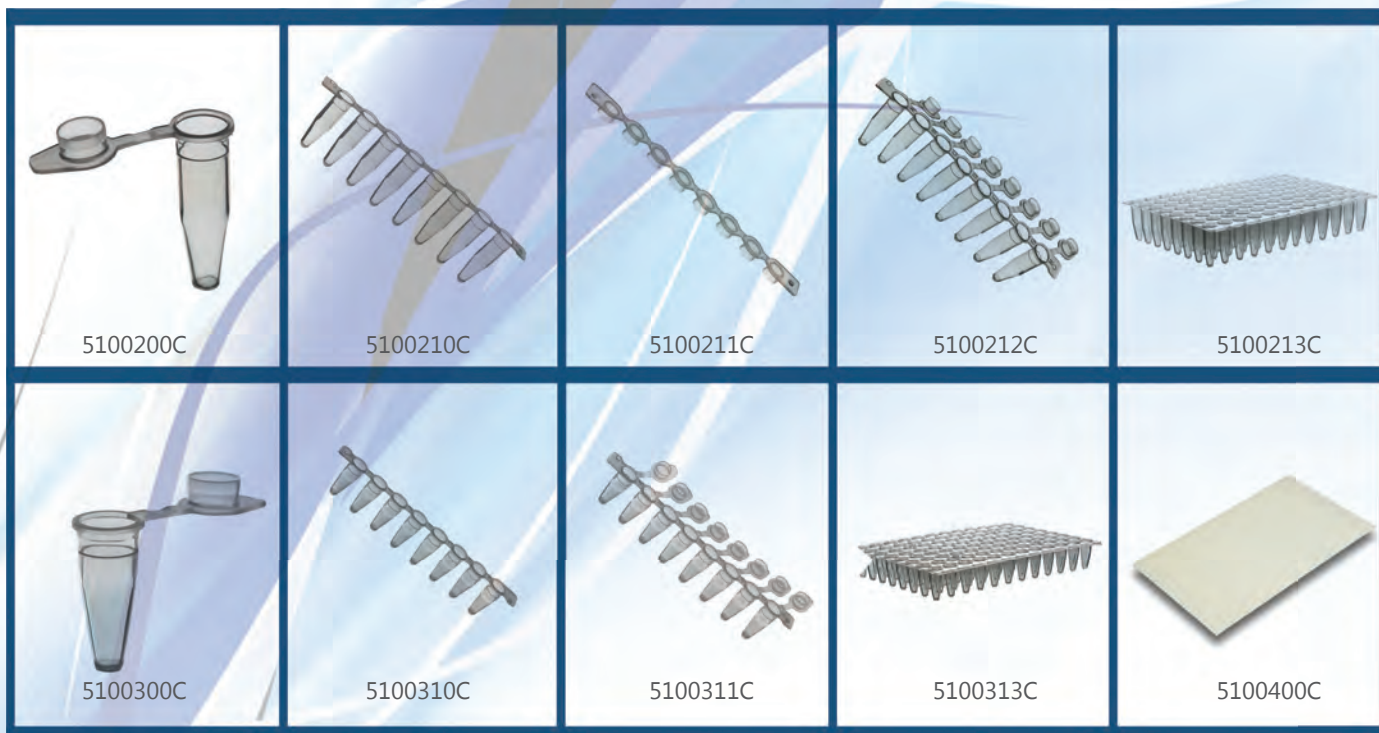
Cat No.	Description
5100500C	Microcentrifuge tubes 0.5mL, bulk, 10x1000 pcs.
5101500C	Microcentrifuge tubes 1.5mL, bulk, 10x1000 pcs.
5102000C	Microcentrifuge tubes 2.0mL, bulk, 10x1000 pcs.

Expell PCR

P C R   T U B E S   &   P L A T E S

Capp Expell PCR line comprise of a lean portfolio of 0.2 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 Info

For standard PCR/qPCR thermocyclers that require regular profile 0,2 ml 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 and qPCR thermocyclers that require low profile 0,1 ml 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.

CAPP
DENMARK

Capp *Rondo*
MICROCENTRIFUGE

Capp *Rondo* microcentrifuge has a lot more to offer compared to the basic microcentrifuges available in the market. It is available in two options, where the CR-68 is the basic version with fixed speed of 6000rpm/2000g and the CR-68X is the advanced version with programmable speed of up to 6000rpm/2000g and a timer function, all operated by two buttons and a digital display.

Additional features and benefits include:
• 8 slot closed rotor for quiet and powerful operation.
• Additional PCR strip rotor (2X8X0,2ML) and reduction adaptors for 0.2/0.4ML microtubes supplied along with the product.
• Electronic safety brake provides an immediate stop on lid opening.
• Quick operation by simply closing and opening the lid.
• Imbalance cut-off safety feature (CR-68X).
• Digital calibration function (CR-68X).
• Digital display of speed and timer function (CR-68X).

Ordering Info

Cat No.	Description
CR-68	Capp Rondo Microcentrifuge 6000rpm/2000g
CR-68X	Capp Rondo Microcentrifuge w/ adjustable speed and timer function, max. 6000rpm/2000g

Capp *Rondo*

HIGH SPEED MINI-CENTRIFUGE

Capp *Rondo* **Mini** is designed to be an easy-to-use, high performance mini-centrifuge in a modern and attractive form equipped with maintenance free drive. It accelerates up to twelve 1.5/2.0 ml mini-centrifuge tubes to a max speed of 15.000 rpm (rcf: 15.595 x g) enabling to process samples rapidly. Routine runs, such as spin column preparations can be carried out with a minimum of time and effort. This compact centrifuge is also cold room and fume hood compatible.

Features and benefits include:

- Lid lock safety and imbalance detection features ensure utmost safety during operation
- Unique airflow design - ensures less heat generation and lower noise levels
- Adaptors are provided for 0.2 and 0.4/0.5 ml tubes - optional 2 x 8 x 0.2 ml strip rotors
- Quick and convenient setting because of intuitive simple interface
- Multiple parameters are displayed at a time on the large back-lit LCD display
- Memory for up to 99 programs - operation records are saved in Excel sheet
- Aluminum rotor with capacity of 12 tubes of 1.5/2 ml and screw on metal lid
- Brushless DC motor - maintenance free and fit for extended runs
- Remote operation via laptop/computer
- Last run memory feature

Specifications:

Speed setting	500 to 15000 rpm / Min-Sec timer 1 to 999 mins
Maximum speed RPM / RCF (g)	15000 rpm / 15596 x g
Display	Large Backlit LCD display
Rotor Capacity	12 place aluminum rotor with metal safety lid for 1.5/2.0 ml microtubes
Motor Type	Brushless DC
Noise Level	< 62 db
Imbalance Detection	Yes
Remote operation	Yes
Robotic integration (Optional)	Yes, can be interfaced via USB
Lid Lock Safety	Yes, lid opens automatically on run completion
Dimensions (W x D x H)	230 x 262 x 131 mm
Accessories	Reduction Adaptors for 0.2/0.4 ml Microtubes

Ordering Info

Cat No.	Description
CR-1512	Capp Rondo Mini-centrifuge 15000rpm/15.595g, for 12x 1.5-2.0ml tubes
CR-15-PCR	PCR strip rotor for Capp Rondo CR-1512 w/ reduction adaptors, 1 pc.

Capp *Rondo*

CLINICAL CENTRIFUGE

Capp *Rondo* **Clinical Centrifuge** is a compact and reliable low-speed centrifuge, ideal for blood centrifuge applications involving volumes below 15mL. It stands out in its category for having great features that allow a reliable performance, ease of use and safety.

Ease of use:

Rotor capacity of up to 6 x 15mL tubes on a fixed angle rotor. Adaptors included to allow usage with most standard collection tubes: 5mL, 7mL, 10ml and 1.5mL/2.0mL. Large digital display. Timer setting of 0.5 to 30 minutes. Only one click to change from RPM to RCF.

Reliable performance:

Smart air flow design reduces noise. Precise RPM setting with increments from 100 RPM and setting from 500-6500 RPM. Built with a long-life DC motor and a microprocessor.

Safety:

Automatic imbalance detection. Lid lock safety: lid opens automatically after the operation is completed.

Specifications:

Maximum speed RPM / RCF (g)	6500 RPM / 3684 g
Speed setting	500 to 6500 rpm (increments of 100 rpm)
Timer setting	0,5 to 30 minutes or infinite mode
Imbalance detection	Yes
Dimensions	260 x 244 x 205 mm
Noise level	< 60 dB
Weight	4 kg
Rotors and adaptors included	6x 10/15mL, adaptors for 5mL, 7mL, 1.5mL and 2mL tubes

Ordering Info

Cat No.	Description
CRC-656	Capp Rondo Clinical Centrifuge 6500rpm / 3684g for 6x 15mL

Capp *Rondo*

PLATE SHAKER

The **Capp *Rondo* Plate shaker** is an ideal choice of microplate shaker for any test environment. With a tiny footprint, as small as the 96 plate size, the shaker is microprocessor controlled for higher accuracy. The inbuilt counterbalance ensures a stable, quiet and long life operation.

- Comes with interchangeable clamps that provide universal fitting for different micro plates.
- Provided with an accessory tube platform to accommodate 20 microtubes of 1.5/2ml.
- With a wide speed setting range from 300 to 1800 rpm and orbital motion of 2mm (1mm radius), the Plate Shaker can perform numerous applications including PCR, ELISA, enzyme immunoassays, protein synthesis and pharmaceutical profiling.
- Vortexing motion thoroughly mixes each well.
- Can be used inside cold rooms or fume hoods (up to 40ºC).

Specifications:

Speed setting	300 to 1800 rpm
Digital Display	Yes
Shaking radius	1mm
Motor Type	Brushless DC
Inbuilt Counter balance	Yes
Optional Robotic integration	Optional, can be interfaced via USB
Power Supply	Universal (90 to 230V, 50/60 Hz.)
Dimensions (W x D x H)	127 x 85 x 86 mm
Weight	1.36 kg
Accessories	Replaceable clamps to use different types of standard microplates

Ordering Info

Cat No.	Description
CRP-18X	CAPP Rondo plate shaker, 300 to 1800 rpm

Capp *Rondo*

VORTEX MIXER

Capp *Rondo* **Mini Vortex Mixer** offers the ideal solution for thorough mixing and quick vortexing, with high performance in terms of speed, reliability and safety.

Speed:

With 4.5mm orbital motion and speeds of up to 4500 RPM, it instantly vortexes tubes and vials up to 30mm diameter. Highly touch sensitive switch ensures real-time mixing. Variable speed can be adjusted simply by turning the speed control button. Microprocessor controlled, delivering the maximum speed even under varying load conditions.

Reliability:

Well-balanced design, supplied with three anti-sliding feet to help the instrument to remain stable on the bench. Inbuilt counterbalance system creates maximum vortexing action, while minimizing noise and excessive vibration. Low-profile with small footprint ideal for use on laboratory benches. Suspension design for longer switch life. Two year manufacturer warranty for parts and labour.

Safety:

Brushless DC motor for safety, quick acceleration and low maintenance. Ideal for cold rooms and incubators. Maintains set speed between 4-40°C. Chemically resistant PC ABS molded exterior. Robust design with aluminum die cast base.

Specifications:

Technical Data	Motion	Orbital	
	Speed Range (RPM)	Up to 4,500	
	Orbital Diameter	4 .5 mm	
	Operating Mode	Touch	
	Max tube diameter	30 mm	
	Power Supply	Universal (90 to 230V, 50/60 Hz.)	
	Motor	Brushless DC motor	
	Max. Load Capacity	500 gm	
General Data	Permissible ambient temperature	5 - 40 °C	
	Permissible relative moisture	80%	
	Material	Body	PC ABS
		Platform	Die Cast
	Dimension (W×D×H)	100×100×67 mm	
	Net Weight (kg / lbs)	0.55 / 1.21	
	Power Consumption	15 W	
	Protection Class (DIN EN 60529)	IP 43	

Ordering Info

Cat No.	Description
CRV-45X	Capp Rondo Vortex Mixer 4500 rpm w/ adjust. speed

Capp *Rondo*

MAGNETIC STIRRER

The **Capp *Rondo* Magnetic Stirrer** is a compact device that works at a maximum speed of 1500 rpm. It is manufactured with a robust stainless steel top surface which resists moderate contamination of harsh chemicals. The adjustable speed and timer function can be set and monitored on a modern real-time digital display.

Not just a simple Stirrer:

Adjustable speed and timer. Last run memory feature. Pulse mode works for 30 seconds in each direction, for improved mixing. Water spill resistant – IP 65 compliant.

Innovative design:

Slim profile – only 16.5mm thick.
Touch control pad and digital display.
Flat surface for ease of cleaning.
Maintenance free.

Important note: to maximize the performance of your **Capp *Rondo* Magnetic Stirrer**, Capp recommends that you use our original Teflon coated, 25mm high strength stirring bar. One unit is supplied with each instrument. Contact your local distributor to order more units.

Specifications:

Maximum speed	1500 rpm
Speed setting	15 to 1500 rpm (increments of 50 rpm)
Load capacity	800 mL
Recommended stir bar length	25 mm
Dimensions	124 x 191 x 16.5mm
Weight	600 grams
Pulse function	Yes
Timer function	1 to 99 minutes and infinite mode

Ordering Info

Cat No.	Description
CRS-15X	Capp Rondo Magnetic Stirrer 1500rpm w/ 1 stirring bar

CappWash

MICROPLATE WASHER

Compact, Inexpensive & Made For Small Scale Work!

Whether you work in a research or in a clinical laboratory, the compact CappWash™ is the ideal washing tool for small scale immuno assays. Fitting into even the tightest budget, CappWash™ is a perfect alternative dependence on department washers for washing micro plates and strips.

No programming required•
No electrical wiring connection•
Just a washer that performs uniformly and efficiently every time!•

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

Unique Two-in-One Design: Each tube consists of an inner tube that releases the distilled water washing solution into the wells for rinsing while the outer tube vacuums away the liquid upon completion of the washing procedure.

Washing is Simple: Simply lower the tubes into the well then push the knob to fill and release the knob to empty.
Now repeat for the desired amount of washings and move on to the next row. It's that simple!

Matches all well types: The washer can be set to the desired depth very easily by simply adjusting the two screws found on either side of the tubes.

The CappWash™ is available in an 8-channel, a 12-channel and a 16-channel version, as well as a 6-channel TubeWash™ - manual washer for 12x75mm test tubes.

The vacuum pump is available for 115V and 230V connections.
All components included in the kits can also be purchased individually.

Ordering Info

CappWash ELISA plate washer

Cat No.	Description
W-8	CappWash 8 channel
W-12	CappWash 12 channel
W-16	CappWash 16 channel
W-8KIT-115V	CappWash Kit including W-8, WP-115V, WB-1, WB-3, WB-4, and W-1000 (3 meters)
W-12KIT-230V	CappWash Kit including W-12, WP-230V, WB-1, WB-3, WB-4, and W-1000 (3 meters)

Liqui**Master**

W O R K S T A T I O N

The LiquiMaster is a user-friendly, programmable workstation, designed to perform operations such as dispensing, diluting, pipetting and plate filling up to 5 times faster than conventional methods.

Accommodating tubing sizes from 0.3mm to 4 mm, the LiquiMaster provides easy and high accuracy dosing for volumes ranging from 20ul up to 1,000mL, and can store up to 25 different protocols.

Available with different pipetting modules, the LiquiMaster workstation is an easy-to operate device. It eliminates tedious and time consuming laboratory work and has a built in auto-calibration feature.

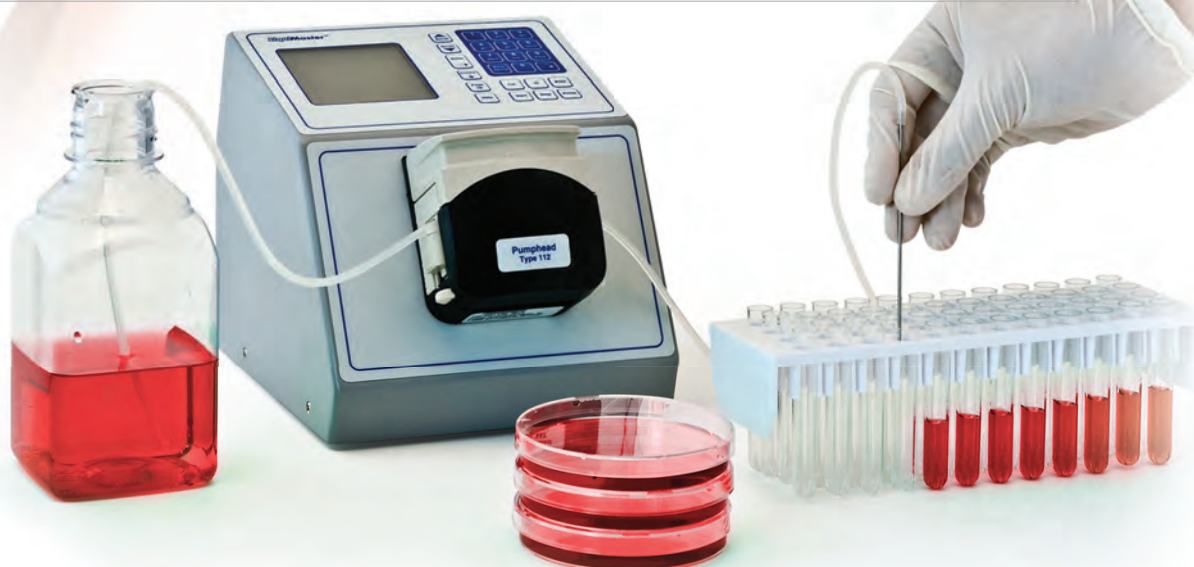# Ordering **Info**

Liqui**Master** - Liquid handling workstation

Cat No.	Description
LM-421	Programmable high precision and multi funcitional workstation . Dosing range 60ul-1,000 ml. Includes Print and Memory option.
LM-4	Silicon tubing, 4 mm inner diameter; 1.6 mm wall thickness - 5 meters
FN-0004	Filling needle, for 4 mm tubing
FN-0104	Suction needle, for 4 mm tubing

Pipette modules

TH-0201	For 200 ul tips
TH-1001	For 1,000 ul tips
TH-5000	For 5 ml tips
TH-0800	8-channel pipettor
PH-0001	Handle for use with serological pipettes

Additional Options

NF-0003	Foot switch
FM-852	Mini-robot for 96-well and/or 384-well plates