

AH diagnostics

# AN EXTRAORDINARY ADVENTURE

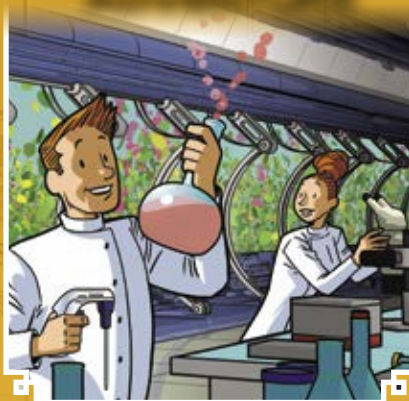
PIPETTES, DISPENSING



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# AN EXTRAORDINARY ADVENTURE



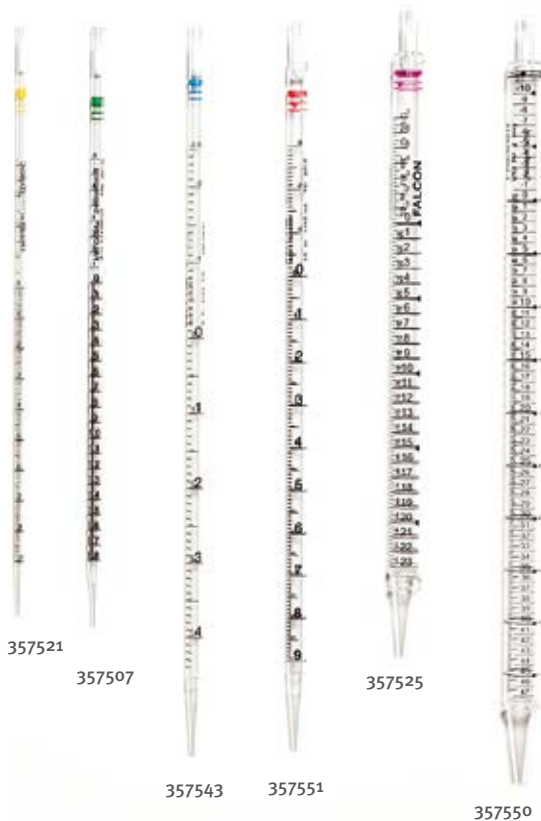
## PIPETTING AND DISTRIBUTION

• Disposable plastic pipettes	443 to 450
• Glass Pipettes	451 to 453
• Pipettes Stands	453 to 456
• Pipette controllers, Pipet-Aid, accessoires	457 to 463
• Reagent dispensers	464 to 468, 470
• Automatic dispensing syringes	469
• Hamilton Syringes and needles	471 to 478



## Falcon® 1 to 100 ml cell culture pipettes

- Sterile, with cotton, graduated
- Additional graduation for a larger capacity
- Reverse graduation for better liquid distribution
- Colour code by volume
- Individual packaging (thermoformed, peelable and antistatic) or multi-pack
- Orientation markings on the graduations for ease of use with the Xpress pipette
- Range from 1 to 100 ml
- Paper/peelable plastic, Sterile unit pack



### Sterile unit packaging

Cat. No.	Volume (ml)	Increments	Add.Grad. (ml)	Code Colour	Units/bag	Units/box	Price/box
357521	1	1/100	0.4	Yellow	100	1000	N/A -
357507	2	1/100	0.8	Green	100	1000	N/A -
357543	5	1/10	2.5	Blue	50	200	N/A -
357551	10	1/10	3.0	Red	50	200	N/A -
357525	25 + 7 ml	0.25	7.0	Violet	50	200	N/A -
357535	25 + 11 ml	0.5	11.0	Violet	50	200	N/A -
357550	50	1.0	10.0	Black	25	100	N/A -
357600	100	1.0	15.0	Black	5	50	N/A -

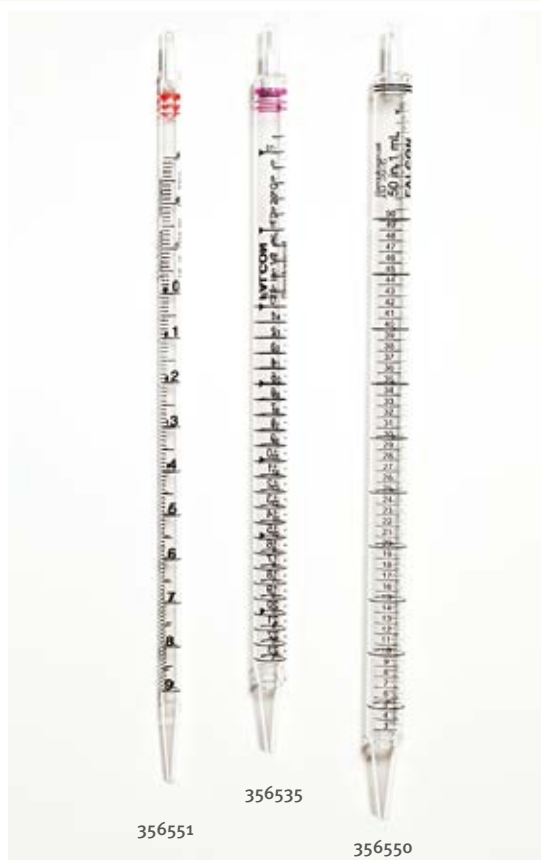
### Sterile multi-pack

Cat. No.	Volume (ml)	Increments	Add.Grad. (ml)	Code Colour	Units/bag	Units/box	Price/box
357506	1	1/100	0.4	Yellow	25	1000	N/A -
357508	2	1/100	0.8	Green	25	1000	N/A -
357529	5	1/10	2.5	Blue	25	500	N/A -
357530	10	1/10	3.0	Red	25	500	N/A -
357545	25 + 7 ml	0.25	7.0	Violet	20	200	N/A -

## Falcon<sup>c</sup> Advantage™ Pipettes, 1 to 50 ml for cell culture

Advantage™ Pipettes, in thermally moulded packaging made entirely from plastic  
Analysis certificates available by reference and batch number on request.

- Sterile
- With cotton
- Resistant packaging preserves the sterility
- 100% recyclable (environmental protection)
- Three possible openings
- Less particles at the opening
- Antistatic packaging



Cat. No.	Volume (ml)	Increments	Add.Grad. (ml)	Code Colour	Units/bag	Units/box	Price/box
356521	1	1/100	0.4	Yellow	100	1000	N/A -
356507	2	1/100	0.8	Green	100	1000	N/A -
356543	5	1/10	2.5	Blue	50	200	N/A -
356551	10	1/10	3.0	Red	50	200	N/A -
356525	25 + 7 ml	0.25	7.0	Violet	50	200	N/A -
356535	25 + 11 ml	0.5	11.0	Violet	50	200	N/A -
356550	50	1.0	10.0	Black	25	100	N/A -

PIPETTES  
DISPENSING

## ClearLine® serology pipettes

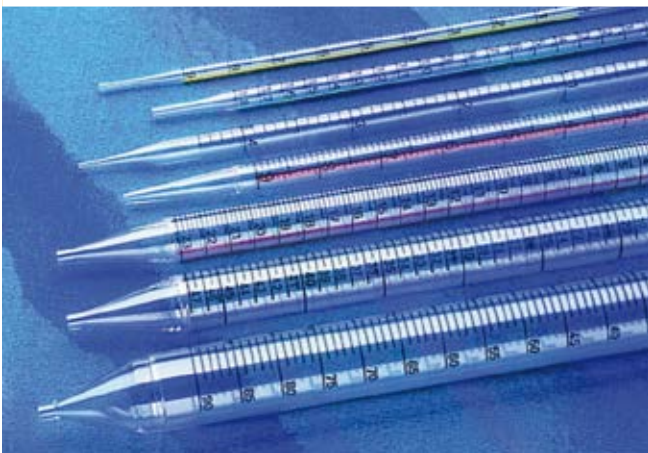


- ▶ Made of crystal polystyrene
- ▶ Sterile
- ▶ Colour code



Vol. (ml)	Graduation (ml)	Colour code	Individual packaging paper/plastic			In bulk				
			Cat. No.	Units/ bag	Units/ box	Price/ box	Cat. No.	Units/ bag	Units/ box	Price/ box
1	0.01	Yellow	257000	100	1000	N/A -	257005	25	1000	N/A -
2	0.01	Green	257001	100	1000	N/A -	257006	25	1000	N/A -
5	0.1	Blue	257002	50	200	N/A -	257007	25	500	N/A -
10	0.1	Red	257003	50	200	N/A -	257008	25	500	N/A -
25	0.25	Magenta	257004	50	200	N/A -	257009	10	200	N/A -

## Corning® Stripette® Pipettes



- ▶ Manufactured and packaged with animal-free material
- ▶ Sterile
- ▶ Anti-drip tip
- ▶ Large colour-coded bands for easy reading
- ▶ Three packaging options:
  - in individual paper/plastic packaging
  - in individual clear plastic packaging
  - in bulk
- ▶ Bidirectional graduations
- ▶ Negative graduations allow additional working volume
- ▶ Accuracy +/- 2% of capacity

CORNING



### Individual clear plastic packaging

Cat.No	Vol. (ml)	Gradations (ml)	Grad. (ml) négative	Code Colour	Units/ bag	Units/ box	Price/ box
004011	1	1/100	0.2	Yellow	100	1000	N/A -
004012	1	1/100	0.2	Yellow	100	200	N/A -
004021	2	1/100	0.2	Green	100	1000	N/A -
004051	5	1/10	2.5	Blue	50	200	N/A -
004101	10	1/10	3	Orange	50	200	N/A -
004492	10	1/10	3	Orange	50	200	N/A -
004251	25	2/10	10	Red	50	200	N/A -
004501	50	1/2	10	Violet	25	100	N/A -
004484	100	1	NC	Water	10	100	N/A -

### Individual Paper/plastic packaging

Cat.No	Vol. (ml)	Gradations (ml)	Grad. (ml) negative	Code Colour	Units/ bag	Units/ box	Price/ box
004485	1	1/100	0.2	Yellow	50	1000	N/A -
004486	2	1/100	0.2	Green	50	1000	N/A -
004487	5	1/10	2.5	Blue	50	200	N/A -
004488	10	1/10	3	Orange	50	200	N/A -
004489	25	2/10	10	Red	25	200	N/A -
004490	50	1/2	10	Violet	25	100	N/A -
004491	100	1	NC	Water	10	100	N/A -

### In bulk

Cat.No	Vol. (ml)	Gradations (ml)	Grad. (ml) negative	Code Colour	Units/ bag	Units/ box	Price/ box
004010	1	1/100	0.2	Yellow	50	1000	N/A -
004020	2	1/100	0.2	Green	50	1000	N/A -
004050	5	1/10	2.5	Blue	50	500	N/A -
004100	10	1/10	3	Orange	50	500	N/A -
004250	25	2/10	10	Red	25	200	N/A -
004500	50	1/2	10	Violet	25	100	N/A -



In bulk



In paper/plastic



Clear plastic

## Corning® Stripette® Pipettes, triple packaging



- ▶ Triple packaging: Individual Paper/plastic packaging
- ▶ Sterile SAL 10<sup>-6</sup>

CORNING

Cat.No	Vol. (ml)	Gradations (ml)	Grad. (ml) negative	Code Colour	Units/ bag	Units/ box	Price/ box
007041	1	1/100	0.2	Yellow	50	1000	N/A -
007042	2	1/100	0.2	Green	50	1000	N/A -
007045	5	1/10	2.5	Blue	50	200	N/A -
007015	10	1/10	3	Orange	50	200	N/A -
007016	25	2/10	10	Red	25	200	N/A -
007017	50	1/2	10	Violet	25	100	N/A -
007000	100	1	NC	Water	10	100	N/A -

PIPETTES DISPENSING



# PLASTIC SEROLOGY PIPETTES

## ClearLine® serology pipette

- Bidirectional gradations
- Negative gradations
- Sterilised by gamma rays 10<sup>-6</sup>
- CE IVD
- Individual plastic / paper packaging
- Colour code: grey



ClearLine®



Cat. No.	Volume (ml)	Sterile	Packaging unit	Units/bag	Units/box	Price/box
390916	100	Yes	1	25	50	N/A -

## Greiner Bio-One Sterile serology pipettes

Pipettes made of high quality and transparent polystyrene. Ideal for cell culture.

- Standardised colour code
- Fine tip for precise and comfortable pipetting on 1 ml, 2 ml and 5 ml volumes
- 1 and 2 ml pipettes: cottoned / other pipettes: cottoned with hydrophobic synthetic filter
- Plastic packaging - peelable paper or plastic - peelable plastic
- Packed by 25 or individually
- Gamma sterilised



Volume (ml)	Grad. (ml)	Sur-grad.	Sterile plastic - paper unit packaging			Sterile plastic - plastic unit packaging			Sterile multi-pack of 25		
			Cat. No.	Units/box	Price/box	Cat. No.	Units/box	Price/box	Cat. No.	Units/box	Price/box
1	1/100	0.2 ml	604181	1000	N/A -	604160	1000	N/A -	604107	1000	N/A -
2	1/100	0.3 ml	710180	1000	N/A -	710160	1000	N/A -	710107	1000	N/A -
5	1/10	2.5 ml	606180	200	N/A -	606160	200	N/A -	606107	500	N/A -
10	1/10	3 ml	607180	200	N/A -	607160	200	N/A -	607107	500	N/A -
25	2/10	10 ml	760180	200	N/A -	760160	200	N/A -	760107	200	N/A -
50	1/2	10 ml	768180	100	N/A -	768160	100	N/A -	-	-	-

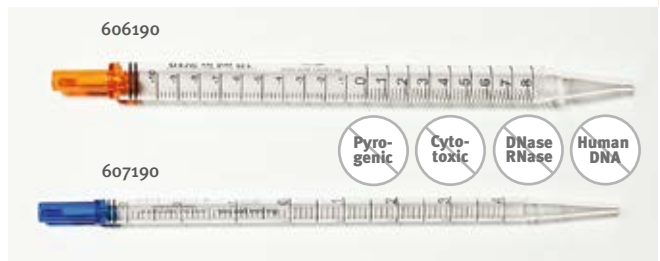


## Greiner Bio-One short plastic pipettes

- Made of crystal polystyrene
- Easy to handle in the fume hood or with a Pipet-Aid
- Same accuracy as a standard pipette
- Sterile in individual plastic packaging
- Length: 221.5 mm

greiner  
BIO-ONE

Cat. No.	Volume	Graduation	Pack. unit	Units/box	Price/box
606190	5 ml	1/10	1	200	N/A -
607190	10 ml	2/10	1	200	N/A -



## Greiner Bio-One serology pipettes for GMP handling, triple packaging

- To simplify sterile handling in clean rooms
- Avoids decontamination steps with 70° alcohol or any other dedicated disinfectant

greiner  
BIO-ONE

Cat. No.	Volume (ml)	Sterile	Units/bag	Units/box	Price/box
604160TRI	1	Yes	10	100	N/A -
710160TRI	2	Yes	10	100	N/A -
606160TRI	5	Yes	10	100	N/A -
607160TRI	10	Yes	10	100	N/A -
760160TRI	25	Yes	10	100	N/A -
768160TRI	50	Yes	10	100	N/A -



PIPETTES  
DISPENSING

# PLASTIC SEROLOGY PIPETTES



## Nunc Serology Pipettes



- ▶ Single-use, cottoned, sterile pipettes
- ▶ Individually wrapped in peelable paper or plastic or in bulk
- ▶ SAL 10<sup>-4</sup>
- ▶ Colour coded according to volume for easy identification



Colour code	Volume (ml)	Individual paper packaging				Individual plastic packaging				In bulk			
		Cat. No.	Units/bag	Units/box	Price/box	Cat. No.	Units/bag	Units/box	Price/box	Cat. No.	Units/bag	Units/box	Price/box
Yellow	1	056813B	100	1000	N/A -	056822B	100	1000	N/A -	056828B	50	1000	N/A -
Green	2	056814B	100	500	N/A -	056823B	100	500	N/A -	056829B	50	500	N/A -
Blue	5	056815B	50	200	N/A -	056824B	100	200	N/A -	056830B	25	200	N/A -
Blue	5 (short)	056856	200	200	N/A -	-	-	-	-	-	-	-	-
Orange	10	056816B	50	200	N/A -	056825B	100	200	N/A -	056831B	25	200	N/A -
Orange	10 (short)	056857	200	200	N/A -	-	-	-	-	-	-	-	-
Red	25	056817B	50	200	N/A -	056826B	100	200	N/A -	056832B	25	200	N/A -
Violet	50	056818B	25	100	N/A -	056827B	25	100	N/A -	056833B	25	100	N/A -



## Nunc Serology Pipettes



- ▶ Single-use, cottoned, sterile pipettes
- ▶ Individually wrapped in peelable paper or plastic or in bulk
- ▶ SAL 10<sup>-6</sup>
- ▶ Colour coded according to volume for easy identification



Colour code	Volume (ml)	Individual packaging Paper				Individual plastic packaging				In bulk			
		Cat. No.	Units/bag	Units/box	Price/box	Cat. No.	Units/bag	Units/box	Price/box	Cat. No.	Units/bag	Units/box	Price/box
Yellow	1	056813B	200	1000	N/A -	056822B	200	1000	N/A -	056828B	50	1000	N/A -
Green	2	056814B	125	500	N/A -	056823B	125	500	N/A -	056829B	50	500	N/A -
Blue	5	-	-	-	-	056824B	50	200	N/A -	056830B	50	200	N/A -
Blue	5 ml (short)	056856	200	200	N/A -	-	-	-	-	-	-	-	-
Orange	10	-	-	-	-	056825B	50	200	N/A -	-	-	-	-
Orange	10 ml (short)	056857	200	200	N/A -	-	-	-	-	-	-	-	-
Red	25	056817B	50	200	N/A -	056826B	50	200	N/A -	056832B	25	200	N/A -
Violet	50	-	-	-	-	056827B	25	100	N/A -	056833B	25	100	N/A -



## Eppendorf Serology Pipettes



- ▶ Made of transparent virgin polystyrene, USP IV compliant
- ▶ Clear and precise gradations
- ▶ Standardised colour code
- ▶ Sterile (SAL 10<sup>7</sup>), unit packaging



Cat. No.	Vol. (ml)	Gradations (ml)	Add. Grad. (ml)	Length (mm)	Code Colour	Units/bag	Units/box	Price/box
933177	1	0.01	- 0.2	277	Yellow	200	800	N/A -
933178	2	0.02	- 0.8	277	Green	150	600	N/A -
933179	5	0.1	- 3	338	Blue	100	400	N/A -
933180	10	0.1	- 3	338	Orange	100	400	N/A -
933181	25	0.2	- 9	343	Red	50	200	N/A -
933182	50	0.5	- 6	343	Violet	40	160	N/A -

PIPETTES DISPENSING



## Wheaton® serology pipettes



- ▶ In polystyrene USP class VI compliant
- ▶ Sterile (SAL 10<sup>-6</sup>)
- ▶ Manufactured in an ISO class 8 cleanroom
- ▶ With cotton
- ▶ Bidirectional gradations
- ▶ Negative gradations allow additional working volume



Colour code	Volume (ml)	Gradations (ml)	Negative gradations (ml)	Unit packaging plastic paper				Loose in a plastic bag				Loose in a cardboard box			
				Cat. No.	Units/bag	Units/box	Price/box	Cat. No.	Units/bag	Units/box	Price/box	Cat. No.	Units/bag	Units/box	Price/box
Red	1	0.1	0.3	055893	200	1000	N/A -	055905	25	1000	N/A -	-	-	-	-
Yellow	1	0.01	0.3	055894	200	1000	N/A -	055906	25	1000	N/A -	055900	50	500	N/A -
White	2	0.01	0.3	055896	125	500	N/A -	055908	25	500	N/A -	055901	50	500	N/A -
Blue	5	0.1	2	055898	50	200	N/A -	055910	25	500	N/A -	055902	50	500	N/A -
Orange	10	0.1	3	055892	50	200	N/A -	055904	25	500	N/A -	055899	50	500	N/A -
Orange	10*	0.1	3	-	-	-	-	055903	25	500	N/A -	-	-	-	-
Green	25	0.2	10	055895	50	200	N/A -	055907	10	200	N/A -	-	-	-	-
Violet	50	0.5	10	055897	25	100	N/A -	055909	10	100	N/A -	-	-	-	-

\*Wide opening for viscous samples.

## Serology Pipettes



- ▶ Made of crystal polystyrene USP VI
- ▶ Examples of RNase, DNase, pyrogens, BSE, TSE
- ▶ Negative gradations
- ▶ Sterile (gamma irradiation)



Vol. (ml)	Tip Type	Grad. (ml)	Colour code	Sterile unit packaging peelable paper/plastic				Sterile, multi-pack			
				Cat.No	Units/bag	Units/box		Cat.No	Units/bag	Units/box	
1	Standard	0.01	Yellow	041145	100	1000	N/A -	041151	25	1000	N/A -
1.1	Standard	-	-	-	-	-	-	041159	25	1000	N/A -
2	Standard	0.01	Green	041146	100	1000	N/A -	041152	25	1000	N/A -
2.2	Standard	-	-	-	-	-	-	041160	25	1000	N/A -
5	Standard	0.1	Blue	041147	50	200	N/A -	041153	25	500	N/A -
10	Standard	0.1	Red	041148	50	200	N/A -	041154	25	500	N/A -
10	Large	0.1	Red	041157	50	200	N/A -	041158	25	500	N/A -
25	Standard	0.25	Magenta	041149	50	200	N/A -	041155	20	200	N/A -
50	Standard	-	Black	041150	20	100	N/A -	-	-	-	-

PIPETTES DISPENSING



## Sterilin Sterile serology pipettes

- Graduated cottoned pipettes made of highly transparent polystyrene
- Accuracy: +/- 1 %
- Endotoxin level below 0.01 EU/ml
- Standardised colour code, double graduation
- Lot number on each box
- Negative gradations for over-capacity
- Gamma-sterilised, in individual paper/plastic pack, all-plastic pack or multi-pack

### Standard pipettes

Volume (ml)	Grad.	Unit packaging/ peelable paper			All plastic unit packaging			Multi-pack			
		Cat.No	Units/ box	Price/ box	Cat.No	Units/ box	Price/ box	Cat.No	Units/ bag	Units/ box	Price/ box
1	1/100	001623	1000	N/A -	090919	1000	N/A -	001632	50	1000	N/A -
2	1/100	001687	1000	N/A -	090923	1000	N/A -	-	-	-	-
5	1/10	001628	200	N/A -	090902ST	200	N/A -	-	-	-	-
5 (fine tip)	1/10	-	-	-	090910ST	200	N/A -	-	-	-	-
10	1/10	001629	500	N/A -	090903ST	500	N/A -	001627	25	500	N/A -
10 (fine tip)	-	-	-	-	090921	500	N/A -	-	-	-	-
25	1/5	001630	200	N/A -	090904ST	200	N/A -	-	-	-	-
50	1	001631	50	N/A -	090905	50	N/A -	-	-	-	-



## Eco Sterilin Plastic serology pipettes

- Graduated cottoned pipettes made of highly transparent polystyrene
- Colour coded, double graduation
- In individual sterile plastic pack, in sterile multipack or in non-sterile bulk
- Negative gradations for over-capacity

Vol. (ml)	Grad.	All plastic sterile unit packaging			Sterile multi-pack			Non-sterile, non- cottoned bulk packaging			
		Cat.No	Units/ box	Price/ box	Cat.No	Units/ bag	Units/ box	Price/ box	Cat.No	Units/ box	Price/ box
1	1/100	090900K	1000	N/A -	090906K	25	1000	N/A -	-	-	-
2	1/100	090901K	1000	N/A -	090907K	25	1000	N/A -	-	-	-
5	1/10	090902K	500	N/A -	090908	25	500	N/A -	040035	1500	N/A -
10	1/10	090903	500	N/A -	090909	25	500	N/A -	040030	800	N/A -
25	1/5	090904	200	N/A -	-	-	-	-	-	-	-



# PLASTIC PIPETTES

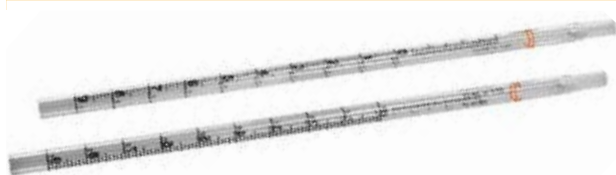
## Sterile suction pipettes



- In polystyrene
- Available in 3 sizes
- Sterile, bulk or individually wrapped

Volume (ml)	Bulk sterile				sterile Individual pack.		
	Cat.No	Units/bag	Units/box	Price/box	Cat.No	Units/box	Price/box
1	978351	100	400	N/A -	978354	400	N/A -
2	978352	100	400	N/A -	978355	400	N/A -
5	978353	50	200	N/A -	978356	200	N/A -

## Wide mouth serology pipettes



- Individual packaging
- Sterile, cottoned
- Ideal for thick, viscous liquids or solutions containing particles that can block standard pipettes

Cat. No.	Volume (ml)	Units/box	Price/box
841413	1	500	N/A -
841414	2	500	N/A -
841415	5	200	N/A -
841416	10	200	N/A -



## Pipettes d'aspiration Falcon® Suction pipettes



Sterile pipettes, on cottoned, non graduated. Safer alternative to Pasteur pipettes.

- In polystyrene
- Sterile, individual packaging

Cat. No.	Vol. (ml)	Length (mm)	ø (mm)	Units/box	Units/box	Price/box
357558	2	252	6.3	50	200	N/A -
357501	5	348	8	50	200	N/A -

## Straw pipettes



Polypropylene straw pipettes, sterile or non-sterile, non graduated. Ideal for food sampling.

Cat. No.	Vol. (ml)	Sterile	Long. (mm)	int/ext ø (mm)	Pack unit.	Units/box	Price/box
041110	1.1	Yes	190	3.7 / 4.3	25	1000	N/A -
041115	2.2	Yes	240	3.7 / 4.3	25	1000	N/A -
041116	5	Yes	186	6.55 / 7.05	10	3600	N/A -

## Corning® Glass pipettes with gradation, single use



### Pipettes in borosilicate Pyrex glass

Cat. No.	Volume (ml)	Graduation (ml)	Length (mm)	Pack unit.	Units/box	Price/box
Sterile pipettes, cottoned, single pack						
041200	1	1/100	290	1	200	N/A -
041201	2	1/100	290	1	180	N/A -
041202	5	1/10	290	1	120	N/A -
041203	10	1/10	290	1	100	N/A -
Sterile pipettes, cottoned, multi-pack						
041211	1	1/100	290	50	250	N/A -
041213	5	1/10	290	30	240	N/A -
041214	10	1/10	290	20	120	N/A -
Non-sterile pipettes, without cotton, multi-pack						
041220	1	1/100	290	50	250	N/A -
041221	2	1/100	290	35	175	N/A -
041222	5	1/10	290	30	240	N/A -
041223	10	1/10	290	20	120	N/A -

CORNING

## Short glass pipettes for single use

- In borosilicate Pyrex glass
- Sterile
- Compact size: ideal for work in a fume hood
- With cotton
- Easy to read gradations

Cat.No	Vol. (ml)	Approx. length (mm)	Gradations range (ml)	Sub-packaging	Units/box	Price/box
041247	1	220	0.01	Individual	250	N/A -
041248	5	220	0.1	Individual	200	N/A -
041249	10	224	0.2	Individual	200	N/A -
041250	25	270	0.2	Individual	200	N/A -
041306	1	220	0.01	20	500	N/A -
041310	50	358	0.5	5	50	N/A -



## BRAND® glass volumetric pipettes

Soda lime glass pipette AR-Glas®, DIN 12690.  
Class B or AS.

- Brown (class B) or blue (class AS) marking
- One or two gauge lines
- Very high accuracy

Volume (ml)	Length (mm)	1 line, class B			1 line, class AS			2 lines, class AS		
		Cat. No.	Tolerance (± ml)	Price	Cat. No.	Tolerance (± ml)	Price	Cat. No.	Tolerance (± ml)	Price
0.5	300	090559	0.007	N/A -	090570	0.005	N/A -	090589	0.005	N/A -
1	300	090560	0.010	N/A -	090571	0.008	N/A -	090590	0.008	N/A -
2	330	090561	0.015	N/A -	090572	0.010	N/A -	090591	0.010	N/A -
2.5	330	-	-	-	090573	0.010	N/A -	-	-	-
3	330	-	-	-	090574	0.010	N/A -	090592	0.010	N/A -
4	400	-	-	-	090575	0.015	N/A -	-	-	-
5	400	090563	0.025	N/A -	090576	0.015	N/A -	090593	0.015	N/A -
6	400	-	-	-	090577	0.015	N/A -	-	-	-
7	400	-	-	-	090578	0.015	N/A -	-	-	-
8	440	-	-	-	090579	0.02	N/A -	-	-	-
9	440	-	-	-	090580	0.02	N/A -	-	-	-
10	440	090564	0.030	N/A -	090581	0.02	N/A -	090594	0.02	N/A -
15	510	-	-	-	090582	0.03	N/A -	090595	0.03	N/A -
20	510	090566	0.040	N/A -	090583	0.03	N/A -	090596	0.03	N/A -
25	520	090567	0.040	N/A -	090584	0.03	N/A -	090597	0.03	N/A -
30	520	-	-	-	090585	0.03	N/A -	-	-	-
40	540	-	-	-	090586	0.05	N/A -	-	-	-
50	540	090568	0.070	N/A -	090587	0.05	N/A -	090598	0.05	N/A -
100	585	090569	0.120	N/A -	090588	0.08	N/A -	-	-	-



## BRAND precision glass pipettes

Soda lime glass pipette AR-Glas®, DIN 12697.  
Class AS. Very high accuracy (compliance)

- Blue enamelled gradation
- Partial flow (scale 0 to 10 ml + the tip) or total flow (scale 0 to 10 ml to the tip)
- Zero up

Volume (ml)	Graduation (ml)	Length (mm)	Total flow			Partial flow	
			Cat. No.	Tolerance (± ml)	Price	Cat. No.	Price
0.5	0.01	360	090599	0.006	N/A -	090611B	N/A -
1	0.01	360	090600	0.007	N/A -	090612	N/A -
1	0.10	360	090601	0.007	N/A -	-	-
2	0.01	360	090602	0.010	N/A -	090613	N/A -
2	0.02	360	090603	0.010	N/A -	090614	N/A -
2	0.10	360	090604	0.010	N/A -	-	-
5	0.05	360	090605	0.030	N/A -	090615	N/A -
5	0.10	360	090606	0.030	N/A -	-	-
10	0.10	360	090607	0.05	N/A -	090616	N/A -
20	0.10	360	090608	0.1	N/A -	-	-
25	0.10	450	090609	0.1	N/A -	090617	N/A -
50	0.50	450	090610	0.2	N/A -	-	-





# GLASS PIPETTES

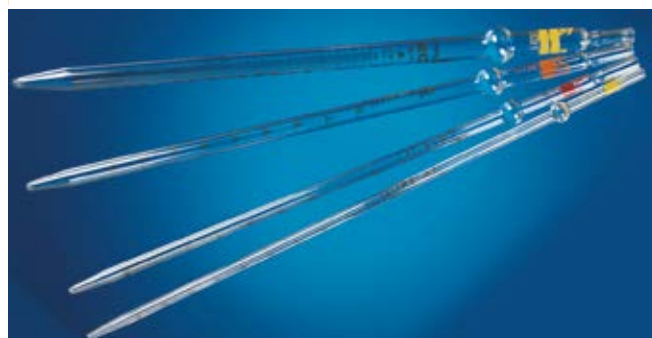
## Volumetric glass pipettes, safety bulb, class A



- Complete range of volumetric pipettes with 1 and 2 gauge lines
- Includes a safety bulb
- Easy to identify the volume thanks to the colour code
- Class A
- Compliant with ISO 835 and ISO 648.
- Indelible print in amber
- Made of soda-lime glass to ensure perfect wetting

Vol. (ml)	Tol. (± ml)	Flow time	Colour	L. (mm)	1 line		2 lines	
					Cat.No	Price	Cat.No	Price
1	0.008	10 - 20 s.	Blue	300	001715B	N/A -	001723B	N/A -
2	0.010	10 - 25 s.	Orange	330	001716B	N/A -	001724B	N/A -
5	0.015	15 - 30 s.	White	400	001717B	N/A -	001725B	N/A -
10	0.02	15 - 40 s.	Red	440	001718B	N/A -	001726B	N/A -
20	0.03	25 - 50 s.	Yellow	510	001719A	N/A -	001727B	N/A -
25	0.03	25 - 50 s.	Blue	520	001720A	N/A -	001728A	N/A -
50	0.05	30 - 60 s.	Red	540	001721B	N/A -	001729B	N/A -
100	0.08	40 - 60 s.	Yellow	585	001722B	N/A -	001730B	N/A -

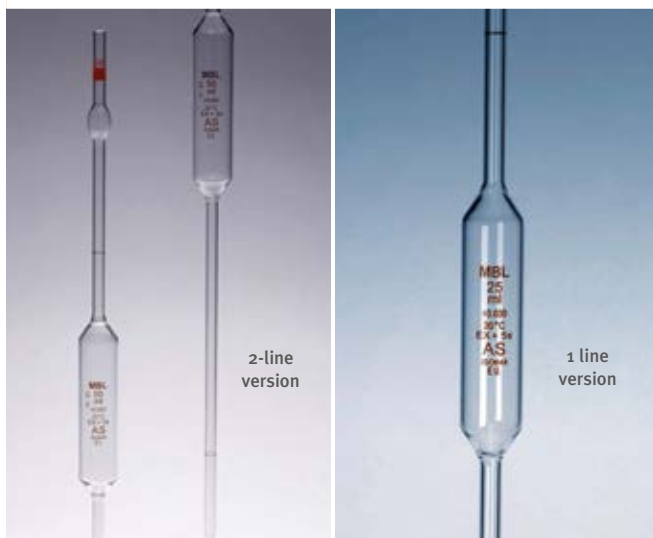
## Graduated glass pipettes, with safety bulb, class A



- Complete range of graduated full flow pipettes
- Zero up or zero down
- Includes a safety bulb
- Easy to identify the volume thanks to the colour code
- Class A
- Compliant with ISO 835 and ISO 648 standards
- Blue indelible screen printing
- Made of soda-lime glass to ensure perfect wetting

Vol. (ml)	Grad. (ml)	Tol. (± ml)	Time flow	Colour	L. (mm)	zero up		zero down			
						Cat. No.	Units/box	Cat. No.	Units/box	Price/box	
1	0.1	0.007	5 - 7 s.	Yellow	360	001701B	1	N/A -	001708B	1	N/A -
2	0.1	0.010	6 - 9 s.	Green	360	001702B	1	N/A -	001709B	1	N/A -
5	0.1	0.030	8 - 11 s.	Red	360	001703B	1	N/A -	001710B	1	N/A -
10	0.1	0.05	10 - 13 s.	Orange	360	001704B	1	N/A -	001711B	1	N/A -
20	0.1	0.1	11 - 16 s.	Yellow	360	001705B	1	N/A -	001712B	1	N/A -
25	0.1	0.1	11 - 16 s.	White	395	001706B	10	N/A -	001713B	1	N/A -
50	0.1	0.25	20 - 25 s.	Orange	635	001707B	10	N/A -	001714B	5	N/A -

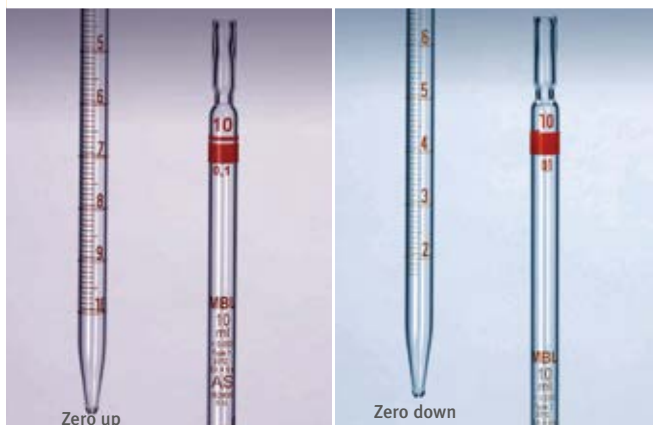
## Volumetric glass pipettes class AS



- Soda-lime glass
- Calibrated
- Printed code for downloading certificates
- Indelible screen printing in amber
- Compliant with ISO 648 and ISO 12691 standards
- 2-line version with safety bulb

Capacity (ml)	Flow time	Tolerance (± ml)	2 lines		1 line	
			Cat. No.	Price 2 units	Cat. No.	Price 2 units
1	7-11 S.	0.008	232684	N/A -	232692	N/A -
2	7-11 S.	0.010	232685	N/A -	232693	N/A -
5	9-13 S.	0.015	232686	N/A -	232694	N/A -
10	11-15 S.	0.020	232687	N/A -	232695	N/A -
15	12-16 S.	0.030	-	-	232696	N/A -
20	12-16 S.	0.030	232688	N/A -	232697	N/A -
25	15-20 S.	0.030	232689	N/A -	232698	N/A -
50	20-25 S.	0.050	232690	N/A -	232699	N/A -
100	25-30 S.	0.080	232691	N/A -	232700	N/A -

## Graduated glass pipettes class AS



- Soda-lime glass
- Calibrated
- Indelible screen printing in amber
- Complies with ISO 835 standards

Capacity (ml)	Flow time	Grad. (ml)	Tolerance (± ml)	Zero up		Zero down	
				Cat.No	Price 2 units	Cat.No	Price 2 units
1	4-10 S.	0.01	0.007	232701	N/A -	232706	N/A -
2	4-10 S.	0.02	0.010	232702	N/A -	232707	N/A -
5	7-13 S.	0.05	0.030	232703	N/A -	232708	N/A -
10	7-13 S.	0.10	0.050	232704	N/A -	232709	N/A -
25	11-17 S.	0.10	0.100	232705	N/A -	232710	N/A -

## Hirschmann glass graduated pipettes

Cat. No.	Volume (ml)	Graduation (ml)	Units/box	Price/box
501162	0.5	0.01	12	N/A -
501163	1	0.01	12	N/A -
501164	1	0.1	12	N/A -
501165	2	0.01	12	N/A -
501166	2	0.02	12	N/A -
501167	2	0.1	12	N/A -
501168	5	0.05	12	N/A -
501169	5	0.1	12	N/A -
501170	10	0.1	12	N/A -
501171	20	0.1	6	N/A -
501172	25	0.1	6	N/A -
501173	50	0.2	6	N/A -

- > Class B
- > Soda-lime glass
- > Amber gradation
- > Zero up

- > Complies with the DIN EN ISO 835 standard
- > Certificate of conformity with dated batch number
- > Graduated to the tip (total flow)



## Pipette trays

- > Made of cross-linked high density polyethylene
- > Base in PPCO
- > Rigid and resistant
- > Ideal for soaking glassware, washing pipettes
- > Wide base for greater stability
- > Supplied with dust covers



Cat. No.	For pipettes of max. length (mm)	H x ø (mm)	Price
029844	406	514 x 165	N/A -
029831	610	686 x 165	N/A -
029832	813	914 x 175	N/A -

## Pipette holder basket

- > High density polyethylene
- > Solid and robust
- > Cushions the pipettes
- > Perforated grid at 2 cm from the bottom for complete drainage
- > 133 mm diameter basket



Cat. No.	Max. pipette length (mm)	Height with handle (mm)	Price
029839	203	375	N/A -
029721	406	578	N/A -
029840	610	781	N/A -

## Pipette rack

Holder for polystyrene or glass pipettes.

- > With 4 inclined shelves for 4 volumes of pipettes
- > Capacity: up to 94 pipettes
- > Can be fixed to a wall
- > In ABS with magnetised surface
- > Dim.: 290 x 85 x 410 mm

Cat.No.	Description	Price
037618	Blue rack for 94 pipettes	N/A -



PIPETTES  
DISPENSING

## Vertical pipette holder

- > Up to 8 pipettes with a diameter of less than 10 mm and more than 8 pipettes with a diameter of less than 15 mm
- > Made of polypropylene
- > Base with drainage holes

Cat.No	Description	Price
391521	Vertical pipette holder, 200 x 75 x 150 mm (L x W x H)	N/A -



## Holder for 94 pipettes



- Made of polypropylene
- Rolling support
- For 94 pipettes
- $\varnothing$  x H: 230 x 470 m

Cat.No	Description	Price
391522	Holder for 94 pipettes	N/A -

## Vertical pipette rack



Rack for vertical storage of 50 pipettes (5 x 10). The bottom tray prevents the pipette from touching the bench.

- Carrying handle
- Autoclavable polypropylene
- $\varnothing$  of openings: 16 mm
- L x W x H: 213 x 114 x 232 mm

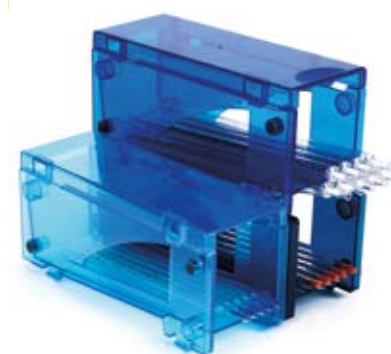
Cat.No	Description	Price
085898	Rack for 50 pipettes up to 25 ml	N/A -

## Tilted plexiglas stand for 6 pipettes



Cat.No	Description	Price
065231	Tilted plexiglas stand for 6 pipettes	N/A -

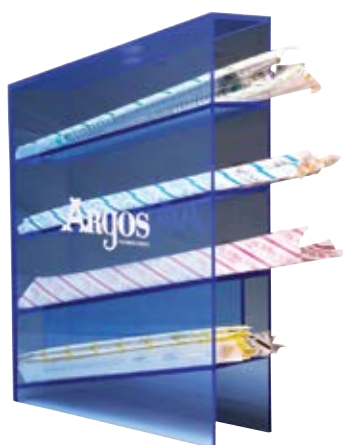
## Pipette rack



- Stackable horizontally or vertically
- 3 colours of transparent blue
- L x W x H: 301 x 100 x 127.5 mm

Cat.No	Description	Price
037984	Pipette rack	N/A -

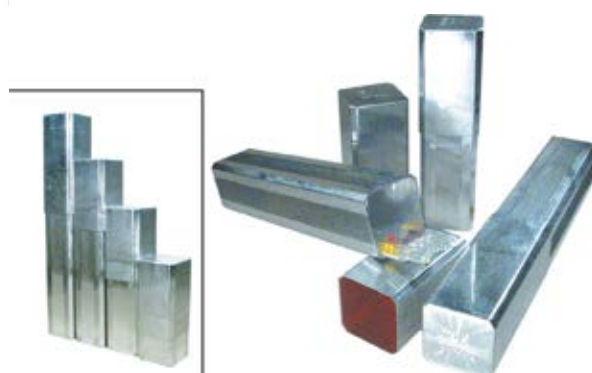
## Rack for pipettes



- In blue acrylic
- L x W x H (mm): 292 x 89 x 401

Cat. No.	Description	Price
141377	Rack for pipettes	N/A -

## Sterilisation boxes for pipettes



- For autoclaving glass and Pasteur pipettes
- Aluminium with internal silicone coating
- Depth x height: 65 x 65 mm

Cat. No.	Length (mm)	Compatibility	Price
041300	150 - 240	Pasteur pipettes up to 170 mm	N/A -
041301	230 - 320	230 mm Pasteur Pipettes	N/A -
041302	310 - 400	Graduated pipettes up to 20 ml	N/A -
041303	310 - 450	Graduated pipettes from 20 to 50 ml	N/A -



## Pipetting bulbs and rubber sampling caps

### Pipetting bulbs

- Made of natural rubber
- Equipped with 3 valves
- For glass and plastic pipettes
- Universal bulb: long neck, for pipetting up to 100 ml
- Standard bulb: short neck, for pipetting up to 10 ml

Colour	Red	Green	Blue	Yellow	Black	Price
Universal bulbs	090270	090298	092021	092022	092027	N/A -
Standard bulbs	090288	092023	092024	092025	092026	N/A -

### Flip pipetting bulb

- Made of natural rubber
- Automatic drain valve
- For pipetting up to 100 ml
- Red

Cat. No.	Description	Price
090289	Flip Pipetting bulb	N/A -

### Sampling caps

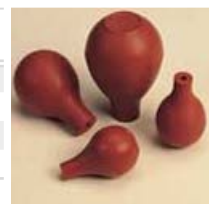
Made of rubber, long life. For use with glass or plastic pipettes.

Volume (ml)	5 ml
Colour	Grey
Cat. No.	042252B
Price	N/A -



## Red rubber sampling bulbs

Cat.No	Vol. (ml)	Long. (mm)	Ø (mm)	Opening (mm)	Price
037763	15	56	34	4	N/A -
037764	30	66	46	6	N/A -
037765	60	80	54	6	N/A -
037766	150	103	73	6	N/A -



## Sampling teats

### Versilic Silicone teats

Cat. No.	Description	Units/box	Price/box
012780	Versilic Silicone teats	25	N/A -

### Coloured silicone teats

Volume (ml)	Red	Green	Blue	Yellow	Natural	Units/box	Price/box
1	910627	-	910626	910625	910624	10	N/A -
2	910632	910630	910631	910629	910628	5	N/A -



# PIPETTING DEVICE

## Pipetting device



Pipetting device for all volumetric and graduated pipettes from 0.1 to 200 ml.

- Suction: once the bulb is compressed, the lever is operated to suck up the liquid, with easy speed control.
- Distribution: the liquid is discharged by lowering the lever.
- Purge: By pressing the rubber button, the last drops (meniscus) are ejected from the pipette.

Blue	Pink	Green	Grey	Price
092475	092476	092474	092473	N/A -

### Accessories

Cat.No	Description	Units/box	Price/box
092480	Filter membrane 3 µm (PP, PTFE), non-sterilised	1	N/A -
042350	Filter membrane 3 µm (PP, PTFE), non-sterilised	10	N/A -
092379	Adapter (silicone), 44 mm length	1	N/A -
092478	Adapter box (PP), 49 mm length	1	N/A -
092479	Suction bellows (silicone), screw ring (PP)	1	N/A -
092481	Valve system (PP, PTFE, silicone)	1	N/A -

## Blue pipetting device



- Dimensions (mm) 230 x 54 x 54
- Ergonomic handle
- Compatible with plastic or glass serological pipettes from 1 to 100 ml
- Control of the suction/distribution speed by means of a T-bar
- 2 extra tips (green and blue) included
- 45 µm hydrophobic filter
- PP tip and silicone adapter are autoclavable

Cat.No.	Description	Price
320554	Blue pipetting device	N/A -

## Pipetting aid



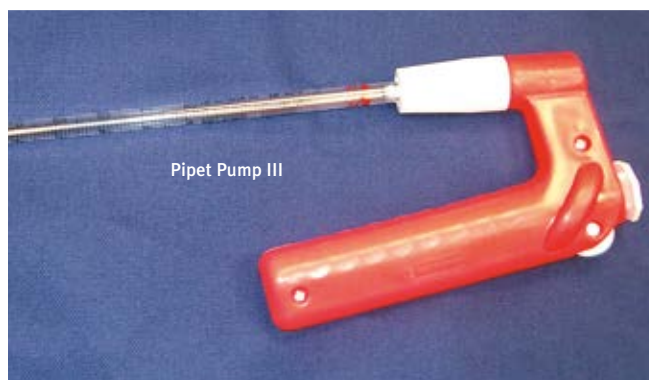
- Comfortable and easy to use
- Precise pipetting control
- Robust and lightweight
- Easy maintenance
- Suitable for volumetric and graduated pipettes, glass or plastic, from 0.1 to 100 ml
- Replaceable 3 µm Spare filter

Colour	Blue	Red	Green	Yellow	Price
Cat. No.	861000B	861001B	861002B	861003B	N/A -

### Accessory

Cat. No.	Description	Price
861005	Spare filter 3 µm	N/A -

## Pipet Pump



Economical manual pipettor for all pipettes from 0.2 ml to 25 ml. The Pipet Pump draws in and dispenses volume by simply turning the side knob. The Pipet Pump Plus has a faster dispensing lever and ejection of the last drop from the pipette.

Volume (ml)	Pipet Pump standard		Pipet Pump Plus	
	Cat. No.	Price	Cat. No.	Price
0.2	060601	N/A -	-	-
2	060602	N/A -	045862	N/A -
10	060603	N/A -	045863	N/A -
25	060604	N/A -	045864	N/A -

### Pipet-Pump III

- ▶ With a dispensing wheel that allows for even pipetting or dispensing of the liquid
- ▶ Available in 3 sizes: for 2, 10 and 25 ml pipettes
- ▶ For glass or plastic pipettes
- ▶ Resistant to bases, acids and solvents
- ▶ Easily removable for cleaning
- ▶ Two models: with "quick dispensing" button or without

Pipet-Pump III				Pipet-Pump III rapid dispensing			
Cat. No.	For pipettes	Colour	Price	Cat. No.	For pipettes	Colour	Price
085012	2 ml	Blue	N/A -	085009	2 ml	Blue	N/A -
085013	10 ml	Green	N/A -	085010	10 ml	Green	N/A -
085014	25 ml	Red	N/A -	085011	25 ml	Red	N/A -

## ClearLine® Pipette Controller

- ▶ For plastic and glass pipettes from 0.5 to 100 ml
- ▶ Lightweight, ergonomic
- ▶ Adjustable suction and delivery speeds
- ▶ Autoclavable nosepiece at 121 °C

### Supplied with:

- base load;
- 0.2 µm PTFE filter;
- Battery Ni-MH AA 1300 mAh 2.4 V;
- Wall mount.

Cat.No.	Description	Price
060863	ClearLine® Pipette Controller	N/A -

### Accessories

CatNo.	Description	Price
060873	Replacement nosepiece	N/A -
060874	Silicone tip pipette holder	N/A -
060875	Hydrophobic PTFE filter 0.2 µm	N/A -
060877	Connector joint	N/A -
060878	Charging station	N/A -





## Corning® Stripettor Ultra Pipette Controller



CORNING

- ▶ Ergonomic
- ▶ Compatible with plastic and glass pipettes from 0.5 to 100 ml
- ▶ Supplied with 3 x 0.2µm filters, 3 x nosepieces, wall rack, charger and 3 position charging stand

Cat. No.	Description	Price
004099	Corning Stripettor Ultra Pipette controller	N/A -

### Accessories

Cat.No	Description	Price
004991	PTFE hydrophobic filter 0.2 µm (5 units)	N/A -
004992	PTFE hydrophobic filter 0.45 µm (5 units)	N/A -
004993	Silicone fixing cone	N/A -
004997	Set of coloured tips (orange, yellow, green, red)	N/A -
0004998	3-position charging stand	N/A -

Cat. No. 0004998 - 3-position charging stand



## Falcon® Pipette Controller



- ▶ Lightweight, ergonomic design for exceptional comfort
- ▶ Suitable for pipettes from 1 ml to 100 ml
- ▶ LCD display for quick viewing of charge indicator, speed selection
- ▶ Supplied with charging base, universal charger, 3 batteries, 2 x 0.2 µm and 2 x 0.45 µm filters

Cat. No.	Description	Price
357469	Falcon® Pipette Controller	N/A -

### Replacement filters

Cat. No.	Description	Price 5 uni.
357472	Hydrophobic PTFE filter 0.2 µm	N/A -
357473	Hydrophobic PTFE filter 0.45 µm	N/A -

## Pipette Controller MaxiPette Sapphire



- ▶ Ergonomic design for easy pipetting
- ▶ Variable speed control
- ▶ Cordless and rechargeable
- ▶ Up to 8 hours of continuous operation
- ▶ Supplied with charger, stand, extra filter and replacement lithium battery

Cat. No.	Description	Price
847070	MaxiPette Sapphire Pipette Controller	N/A -

## BasicPipette Pipette Controller

- Universal 9V battery-powered Pipette Controller (cordless)
- For any pipette from 1 ml to 100 ml
- Variable speed
- Ejection of the liquid by gravity or by pushing
- Rechargeable battery
- Plastic Resistant to UV

Cat. No.	Description	Price
888100	Basic Pipette Controller	N/A -

### Filters

Cat. No.	Description	Price 10 units
888108	Filters for Basic Pipette	N/A -



## Midi Plus Pipette Controller

- Rechargeable, wireless, lightweight
- Can be used with all plastic and glass pipettes from 1 to 100 ml thanks to interchangeable fittings
- For use with Pasteur pipettes
- For use with Proline tips 5 and 10 ml
- Linear speed control
- Speed adjustment by variable pressure on the control buttons
- Integrated folding support

Cat. No.	Description	Packaging unit	Price
710931	Midi Plus Pipette controller	1	N/A -
070955	Non-sterile replacement filter 0.45 µm (autoclavable hydrophobic filter)	5	N/A -
070666	Proline tip 5 ml bevelled 150 mm	100	N/A -
070485	Proline tip 5 ml bevelled 150 mm	1000	N/A -
070668	Proline tip 10 ml	100	N/A -
070952	Silicone adaptor + nosepiece for tip 5 ml	1	N/A -
070953	Silicone adaptor + nosepiece for tip 10 ml	1	N/A -



## Levo Plus Pipette Controller

- For any pipette from 1 to 100 ml
- Adjustable speed
- Battery autonomy: 8 hours
- LCD screen with battery level display and programmed speed
- Supplied with adaptor and wall mount

Cat. No.	Description	Price
861051B	Levo Plus Pipette Controller	N/A -

### Accessories

Cat. No.	Description	Price
861052	Charger	N/A -
861053	Lithium battery	N/A -
861054	0.45 µm filter	N/A -



## RF 1000 Manual Pipette Controller

- With suction bulb handle
- For all pipettes from 1 to 100 ml
- With hydrophobic filter 0.45 µm
- Autoclavable polypropylene nosepiece
- ABS case, silicone bulb
- Dimensions: 180 x 45 x 120 mm
- Supplied with filter and magnetic holder to be mounted on a magnetic bracket or wall mounted

Cat. No.	Description	Price
037977	Manual RF Pipette controller 1000	N/A -
320187	Replacement filters (5 unit)	N/A -
037979	Silicone pipette replacement holder 1 - 100 ml	N/A -



## Pipet-Aid®



Pipette controller and reagent dispenser for glass and plastic pipettes from 1 to 100 ml. The Pipet-Aid is the most widely used pipette controller in the world: its reliability, robustness and ease of maintenance make it the most renowned instrument in its category.

4 models form a complete family:

- Pipet-Aid XP2: ergonomic design; comfortable to hold; charging while handling, thanks to the new charger; ultra-quiet pump; supplied with 4 additional filters, holder and charger;
- Pipet-Aid: is the basic instrument, light, autonomous, wireless;
- Pipet-Aid XP: faster, more compact, more functions, delivered with support;
- Pipet-Aid XP Gravity: identical to Pipet-Aid XP with an additional gravity function (gravity dispensing, without pushing). Gravity system, useful in cell culture to avoid peeling off a cell mat.

	Pipet-Aid XP2	Pipet-Aid	Pipet-Aid XP	Pipet-Aid XP Gravity
Rechargeable battery 9 V	Yes	Yes	Yes	Yes
Filtering nosepiece for culture	Yes	Yes	Yes	Yes
Speed	3 speeds*	1 speed (normal)	3 speeds*	3 speeds* + gravity
Pipettes accepted	1 to 100 ml	1 to 100 ml	1 to 100 ml	1 to 100 ml
Cat. No	075212	075001	075002	075003
Price of Pipet-Aid (complete with charger)	N/A -	N/A -	N/A -	N/A -

\* (normal, slow, fast)

### Spare nose

Colours	Black	Rede	Green	Blue	Orange	Violet	Yellow	Assorted	Nosepiece for XP2
Cat. No.	075004	075005	075006	075007	075008	075009	075109	075010	075213
Units/box	1	2	2	2	2	2	2	6	1
Price/box		N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

### Spare parts

Cat. No.	Description	Price
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#### Parts common to all 4 Pipet-Aid models

075011	Hydrophobic filter 0.8 µm (5 units)	N/A -
075233	Hydrophobic sterile filter 0.8 µm (5 units)	N/A -
075015	Silicone end pipette holder (2 units)	N/A -

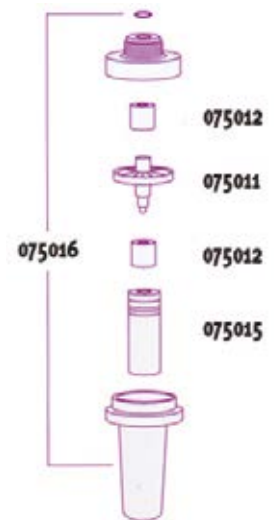
#### Common parts to Wireless Pipet-Aid and Pipet-Aid Hood Mate

075012	Filter holding gasket (2 units)	N/A -
075013	Battery 9 V	N/A -
075014	Power supply charger 220 V	N/A -
075016	Complete culture nosepiece with 4 filters	N/A -
075131	Complete valve + 2 buttons for Pipet-Aid XP	N/A -
075132	Complete valve + 2 buttons for Pipet-Aid XP Gravity	N/A -
075133	Valve only for Pipet-Aid	N/A -
075776	Hydrophobic filter 0.2 µm (5 units)	N/A -

#### Spare parts for Pipet-Aid XP2

075214	Filter lock	N/A -
075215	Filter connections	N/A -
075216	Removable stand for Pipet-Aid XP2	N/A -
075195	Batteries	N/A -

### Pipet-Aid XP2: Even better performance!



PIPETTES DISPENSING

## Pipet-Aid XL

- Pipet -Aid with extended handle for effortless handling under SMP and laminar flow hoods
- Stand-alone or rechargeable during operation
- 3 speeds
- With an adjustable spigot for a secure hold of the pipette
- A stand allows the Pipet-Aid to be placed with an embedded pipette
- More powerful and quieter pump
- Supplied complete with charger, 4 spare filters and wall rack



Cat. No.	Description	Price
075194	Pipet-Aid XL	N/A -

### Accessories

Cat. No.	Description	Price
075195	Batteries	N/A -
075196	Charger + 4 adapters (US, EU, UK, Australia)	N/A -
075012	Filter holding gasket (2 units)	N/A -
075015	Silicone pipette holder (2 units)	N/A -
075004	Spare nosepiece, black	N/A -
075265	Spare nosepiece, gray	N/A -

## Pipet-Aid® Hood Mate™

*Especially for hoods.*

Practical, without the need for recharging, the Pipet-Aid Hood Mate never leaves its workstation under the hood.

- Extremely light
- Precise, proportional control to the press of a button
- Dedicated external pump, designed to be mounted in the hood
- Without battery, the pump is connected directly to the mains
- Special culture nosepiece with filter (identical to the portable Pipet-Aid)



Cat. No.	Description	Price
075017	Pipet-Aid Hood Mate	N/A -

## Pipet-Aid® with external pump

Mains connected threaded pipette with external pump and/or external double filter, total guarantee against contamination.

- Dual filter removes 100% of particles and drops larger than 0.1 µm, preventing engine contamination
- Protection against liquid backflow in the handle (valve)
- Fully autoclavable handle (motor is external)



Cat. No.	Description	Price
075018	Pipet-Aid with pump without filter	N/A -
075020	Pipet-Aid with pump and culture nosepiece with internal filter	N/A -
075019	Pipet-Aid with pump and external double filter	N/A -
075174	Pipet-Aid with pump and external double filter and internal filter culture nosepiece	N/A -

### Spare parts

Cat. No.	Description	Price
075021	Safety valve	N/A -
075022	Double hose (1.5 m)	N/A -
075027	Complete filter kit	N/A -
075023	Balston DFV internal filter (2 units)	N/A -
075024	Pump diaphragm	N/A -
075025	Hose connection (2 units)	N/A -
075026	Complete pipette stand nosepiece	N/A -
075015	Silicone end pipette holder (2 units)	N/A -
075011	Hydrophobic filter 0.8 µm for culture nosepiece(5 units)	N/A -



## Xpress pipet-Aid



- ▶ Lightweight, compact, powerful
- ▶ Optimised grip
- ▶ 3 operating speeds for suction and distribution
- ▶ Xpress" speed for faster and more powerful distribution
- ▶ Alignment gradations mark (only with some pipettes)
- ▶ Pipettes from 1 to 100 ml can be used
- ▶ Removable stand
- ▶ Self-blocking valve
- ▶ Nosepiece lock system
- ▶ Supplied with charger, stand and filters

### Accessories

Cat. No.	Description	Price
075231	Xpress pipet-Aid	N/A -

Cat. No.	Description	Price
075011	Hydrophobic filter 0.8 µm (5 units)	N/A -
075012	Filter holding gasket (2 units)	N/A -
075013	Battery 9 V	N/A -
075014	Power supply charger 220 V	N/A -
075015	Silicone end pipette holder (2 units)	N/A -

## Pipette controller S1

thermo scientific



- ▶ For any pipette from 0.5 to 100 ml
- ▶ Long-life, rechargeable battery
- ▶ Supplied with wall mount (446324), holder (446325), charger (446326) and 1 ml pipette holder (446328)

Colour	White	Transparent	Blue	Red	Green	Price
Cat. No.	446300	446301	446302	446303	446304	N/A -

### Accessories

Cat. No.	Description	Units/box	Price/box
446305	Filter 0.45 µm	25	N/A -
446322	Complete Nosepiece with filter	1	N/A -
446323	Silicone pipette holder	4	N/A -
446324	Wall mount	1	N/A -
446325	Rack	1	N/A -
446326	Charger	1	N/A -
446327	Removable holder	1	N/A -
446328	Pipette holder 1 ml	1	N/A -



446327: removable holder

## Pipetus Pipette filler



- ▶ Ergonomic design
- ▶ Suitable for graduated, volumetric and Pasteur pipettes from 0.1 to 200 ml
- ▶ Gravity discharge (EX function) or blowing out (BlowOut function)
- ▶ Quiet, low vibration
- ▶ Autonomy: one week of pipetting
- ▶ Coloured LED display indicating the settings
- ▶ Autoclavable (without PTFE seal)
- ▶ Supplied with charger, wall mount and 0.2 µm PTFE membrane filter
- ▶ 2 models: Pipetus Akku (5 pipetting speeds) and Pipetus Reddot (2 pipetting speeds)

Cat. No.	Description	Price
500975	Pipetus Reddot	N/A -
090546	Pipetus Akku with charging cradle	N/A -
500979	Set of 5 filters with one-sided assembly	N/A -

## Macroman Gilson® Pipette controller

- Range from 0.1 to 100 ml
- Optimal speed control via push button or thumbwheel
- Display for Battery charge and Speed of suction and distribution
- Ergonomic, excellent grip
- Adjustable stand on the nosepiece side of the pipette controller
- Supplied with instructions for use, universal charger (4 adapters), bench charging stand, wall mount, 0.22 µm hydrophobic sterile filter

 GILSON



Cat. No.	Description	Price
066560D	Macroman Pipette controller	N/A -

### Spare parts

Cat. No.	Description	Price
070192	Load support for bench top	N/A -
070193	Wall mount, blue	N/A -
070194	Magnetic wall mount	N/A -
070195	Standard filter 0.22 µm (10 units)	N/A -
070196	Sterile filter 0.22 µm (10 units)	N/A -
070197	Standard filter 0.45 µm (10 units)	N/A -
070198	Sterile filter 0.45 µm (10 units)	N/A -
070199	Power supply unit	N/A -
067510	Lithium battery	N/A -
067511	Pipette nosepiece, blue	N/A -
067512	Adjustable side support	N/A -
067513	Pipette adapter	N/A -

## Omega Zen Pipette controller

- Lightweight: 190 g
- Ergonomic shape
- Resistant to UV
- Adjustable speed
- LED battery status display
- Low force push buttons reduce operator fatigue
- Also works with the charger connected
- Supplied with charger, wall mount, instructions for use, labels

Colour	Grey	Blue	Violet	Price
Cat.No	141137B	141140B	141142B	N/A -



PIPETTES  
DISPENSING

## Eppendorf Easypet 3 Pipette controller

- Very light, well balanced: comfortable grip, no fatigue
- High-powered motor, efficient even with 100 ml pipettes
- Fingertip adjustable speeds with excellent sensitivity for fast and safe working
- Latest generation battery: 6 hours working time
- Illuminated charge indicator, possibility to work while charging
- Supplied complete with charger, wall mount, removable stand (for safe bench top storage), and 2 x 0.45µm membrane filters
- Warranty: 2 years

Cat. No.	Description	Price
933004	Easypet 3 Pipette controller	N/A -
033942	Sterile membrane filter 0.45 µm (5 units)	N/A -



eppendorf

## Calibrex Dispensers



Calibrex® Dispenser  
530 solutae

Calibrex® Dispenser  
525 organo

- Choice of dispensing volume by graduated slider on both sides
- Integrated calibration system
- Autoclavable assembled (at 121 °C)
- 360° rotation of the dispenser
- The parts in contact with the liquid are chemically inert
- Correctness (Rel. Err. %): Min vol.  $\leq \pm 1.5\%$ , med vol.  $\leq \pm 1.1\%$ , max vol.  $\leq \pm 0.6\%$
- Accuracy (CV %): Min vol.  $\leq \pm 0.5\%$ , med vol.  $\leq \pm 0.35\%$ , max vol.  $\leq \pm 0.1\%$
- Delivered with:
  - base 45 mm diameter;
  - cap and spout: 90 mm for 1 to 10 ml models / 120 mm for 25 to 100 ml models;
  - suction hose 350 mm;
  - three connections: GL 28, 32 and 40 for 1 to 10 ml models / GL 32, 38 and 40 for 25 to 100 ml models;
  - calibration certificate and operation manual
- Warranty: 2 years

### Calibrex® 530 solutae Dispensers / 1 ml to 100 ml

Borosilicate glass cylinder, piston with PFA coating. Suitable for saline solutions, strong and weak acids and bases. Red.

Volume (ml)	Division (ml)	Without tap		With tap	
		Cat.No.	Price	Cat.No.	Price
0.1 - 1	0.02	061995	N/A -	061999	N/A -
0.25 - 2.5	0.05	061996	N/A -	062000	N/A -
0.5 - 5	0.1	061997	N/A -	350342	N/A -
1 - 10	0.2	061998	N/A -	350343	N/A -
2.5 - 25	0.5	061842	N/A -	061953	N/A -
5 - 50	1	061843	N/A -	061954	N/A -
10 - 100	1	061844	N/A -	061955	N/A -

### Calibrex® 525 organo Dispenser / 1 ml to 100 ml

Frosted glass piston, borosilicate glass cylinder. Suitable for organic solutions, non-crystallising acids and basic solutions. Yellow.

Vol. (ml)	Division (ml)	Spout Length (mm)	Supplied with neck adapters	Without tap		With tap	
				Cat.No	Price	Cat.No	Price
0.1 - 1	0.02	90	GL 28, GL 32, GL 40	061987	N/A -	061991	N/A -
0.25 - 2.5	0.05			061988	N/A -	061992	N/A -
0.5 - 5	0.1			061989	N/A -	061993	N/A -
1 - 10	0.2	120	GL 32, GL 38, GL 40	061990	N/A -	061994	N/A -
2.5 - 25	0.5			061845	N/A -	061950	N/A -
5 - 50	1			061846	N/A -	061951	N/A -
10 - 100	1			061847	N/A -	061952	N/A -



Version with tap

## Calibrex 520 digital dispensers



- Adjustable volume pre-calibrated dispenser
- Quick and precise selection of each volume
- Dispenser can rotate 360°
- Can be quickly dismantled without tools
- Autoclavable fully assembled
- High impact and chemical resistance
- Glass cylinder and piston with PFA coating
- Easy calibration by the user

### Calibrex 520 digital dispensers / 2 ml, 5 ml and 10 ml

3 models in a volume range from 0.25 to 10 ml. The instrument can be screwed directly onto laboratory bottles thanks to its standard thread of 32 mm and its 3 adapters (28, 40, 45 mm).

Fixed volume			Variable volume			
Cat.No	Volume (ml)	Price	Cat.No	Volume (ml)	Division (ml)	Price
061281	2	N/A -	061018	0.25 - 2	0.05	N/A -
061282	5	N/A -	061019	1 - 5	0.1	N/A -
061283	10	N/A -	061020	1 - 10	0.25	N/A -

### Accessories

CatNo.	Description	Price
985191	Telescopic FEP suction tube 150 - 255 mm	N/A -
985192	Telescopic FEP suction tube 195 - 345 mm	N/A -
061074	Extension for Calibrex 520 and 521 (20 ml)	N/A -
061024	Calibrex 520 dispenser holder up to 50 ml	N/A -
061025	Remote sample holder 50 ml	N/A -
061026	Remote sample holder 100 ml	N/A -

## Acurex digital dispensers

- Fully protected mechanism inside the unit
- Graduated column retractable during refrigerated storage
- Autoclavable fully assembled
- Materials in contact with the liquid are inert
- Springless valve system
- Glass cylinder and piston with PTFE coating



### Acurex 501 compact dispensers

4 models from 0.2 ml to 30 ml, supplied with yellow glass flask.

Cat. No.	Volume (ml)	Division (ml)	Capacity Flask (ml)	Price
061027	0.2 - 2.0	0.1	250	N/A -
061028	0.2 - 2.0	0.1	1000	N/A -
061029	0.2 - 2.0	0.1	2000	N/A -
061030	0.4 - 5.0	0.2	500	N/A -
061031	0.4 - 5.0	0.2	1000	N/A -
061032	0.4 - 5.0	0.2	2000	N/A -
061033	1 - 10.0	0.2	1000	N/A -
061034	1 - 10.0	0.2	2000	N/A -
061035	1 - 30.0	1.0	2000	N/A -

### Accessories

Cat. No.	Description	Price
061036	PTFE 60 cm extension tube for 1 and 2 litre tanks	N/A -
061686	Replacement brown glass bottle, 2,5 litre	N/A -

## Eppendorf Dispensers Varispenser® 2 / Varispenser® 2X

- Dispensers for 0.5 to 100 ml flasks
- Good chemical resistance
- Suitable for a wide range of liquids, including corrosive and flammable liquids
- Varispenser 2X: return distribution valve prevents loss of reagent during priming as well as an easy calibration function
- Fully autoclavable
- Distribution block rotates 360°
- Exit valve with secure ball closure that prevents liquid leakage when dispensing cannula is unassembled



eppendorf

Volume (ml)	For neck (mm)	Reducers supplied	Increment (ml)	Varispenser 2		Varispenser 2X	
				Cat.No	Price	Cat.No	Price
0.2 to 2	32	28, 40, 45	0.05	033580B	N/A -	033586B	N/A -
0.5 to 5	32	28, 40, 45	0.1	033581B	N/A -	033587B	N/A -
1 to 10	32	28, 40, 45	0.2	033592B	N/A -	033588B	N/A -
2.5 to 25	45	32, 38, 40	0.5	033610B	N/A -	033589B	N/A -
5 to 50	45	32, 38, 40	1	033584B	N/A -	033590B	N/A -
10 to 100	45	32, 38, 40	2	033585B	N/A -	033591B	N/A -

### Accessory

Cat. No.	Description	Price
999570	Threaded adapter for GL 45 to GL 32 bottles, ETFE	N/A -

## DispensMate reagent dispenser

Cat. No.	Volume (ml)	Graduation (ml)	Accuracy (%)	Price
861070B	0.5 - 5	0.1	0.1 %	N/A -
861071B	1 - 10	0.2	0.1 %	N/A -
861073B	5 - 50	1.0	0.1 %	N/A -

- Quick and precise volume control
- Drip cap for added safety
- Easy to clean
- Suitable for GL45 bottles (optional adapters)
- Fully autoclavable at 121 °C

### Accessory

Cat. No.	Description	Price
861074	Bottle 1 l GL45 in amber glass	N/A -

### DispensMate Adapters

For bottle	S40	GL32	GL38	GL25	GL28
Cat. No.	861075	861076	861077	861078	861079B
Price	N/A -	N/A -	N/A -	N/A -	N/A -





## Ceramus Hirschmann Dispensers

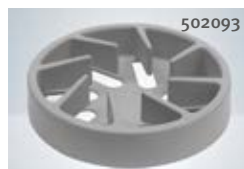


Liquid dispensers with ceramic plunger and 360° fully movable head, for dispensing solutions from 0.2 ml to 60 ml.

- Ceramic piston, guaranteeing excellent chemical resistance, without erosion or swelling
- Borosilicate glass cylinder 3.3 calibrated
- No loss of reagent thanks to a backflow system
- Sterilisation: fully autoclavable at 121 °C / 2 bar
- Variable volume control by digital steps
- Can be used from 4 °C to 50 °C
- Certificate of conformity

Delivered with:

- Adapters: A 45 (mounted), A 32, A38 and S40;
- pTFE hoses;
- mounting key;
- certificate.



**HIRSCHMANN**

Cat. No.	Volume (ml)	Subdivision (ml)	Accuracy (R%)	Reproducibility (CV%)	Price
090532	0.2 - 1	0.05	0.6	0.2	N/A -
090533	0.4 - 2	0.05	0.5	0.1	N/A -
090534	1 - 5	0.1	0.5	0.1	N/A -
090535	2 - 10	0.25	0.5	0.1	N/A -
090536	5 - 30	0.5	0.5	0.1	N/A -
090537	10 - 60	1	0.5	0.1	N/A -

### Accessory: grey rubber bottle holder

Cat. No.	Description	Price
502093	Holder for all bottles with a diameter of 75 to 120 mm	N/A -

## Dispensette S Brand



- Dispenser suitable for all reagent bottles
- Adjustable, dispensette rotates 360°
- Easy disassembly for cleaning
- Autoclavable at 121 °C
- Supplied with adapters, certificate, suction tube and mounting key

Nominal capacity (ml)	Adapters supplied for suction bottles (mm)	Tube length
1, 2, 5, 10	GL 24-25, GL 28/S 28, GL 32-33, GL 18, S40	125-240
25, 50, 100	GL 32-33, GL 38, S 40	170-330

Dispensed volume (ml)	Analogue Dispensette with valve		Analogue Dispensette without valve		Easy calibration Dispensette with valve		Easy calibration Dispensette without valve	
	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price
0.1 - 1	090094B	N/A -	090093B	N/A -	-	-	-	-
0.2 - 2	090096B	N/A -	090095B	N/A -	090119B	N/A -	090118B	N/A -
0.5 - 5	068818B	N/A -	090097B	N/A -	068817B	N/A -	090120B	N/A -
1 - 10	090099B	N/A -	090098B	N/A -	092408B	N/A -	090121B	N/A -
2.5 - 25	090106B	N/A -	090105B	N/A -	092409B	N/A -	090122B	N/A -
5 - 50	090558B	N/A -	090107B	N/A -	092410B	N/A -	090252B	N/A -
10 - 100	090109B	N/A -	090108B	N/A -	-	-	-	-

## Finnpipette Dispenser



Reagent flasks dispenser.

- 6 models for dispensing solutions from 0.2 ml to 60 ml
- Fully autoclavable without disassembly (121 °C - 2 bar)
- Volume adjustment by a notched scale ring
- Ceramic piston and Duran glass cylinder
- FEP suction and discharge hose
- Inert materials (FEP, ECTFE, ceramic, Hostelloy, Duran glass)
- Supplied with certificate of conformity
- Can be used from 4 °C to 50 °C

Delivered with adapters for bottles: A32 (mounted), A28, S4 and A45, FEP suction hose, mounting key, certificate of conformity with serial number.

Cat. No.	Description	Price
047914	Finnpipette dispenser 0.2 to 1 ml	N/A -
047915	Finnpipette dispenser 0.4 to 2 ml	N/A -
047916	Finnpipette dispenser 1 to 5 ml	N/A -
047917	Finnpipette dispenser 2 to 10 ml	N/A -
047918	Finnpipette dispenser 5 to 30 ml	N/A -
047919	Finnpipette dispenser 10 to 60 ml	N/A -

## Corning® Reagent dispensers

CORNING

- ▶ 3-position rotating nosepiece: dispense, retrieve and empty
- ▶ Precise and repeatable volume control with lock button
- ▶ Anti-drip system
- ▶ Easy calibration by the user
- ▶ 360° rotation

▶ Autoclavable at 121 °C

Delivered with 4 adapters:

- 2.5, 5 and 10 ml model: GL25, GL 28, GL40 and GL45
- 25, 50 and 100 ml model: GL25, GL 28, GL38 and GL45/32

Cat.No	Volume (ml)	Increment (ml)	For neck (mm)	Price
006840	0.25 - 2.5	0.05	32	N/A -
006841	0.5 - 5	0.1	32	N/A -
006842	1 - 10	0.2	32	N/A -
006843	2.5 - 25	0.5	45	N/A -
006844	5 - 50	1	45	N/A -
006845	10 - 100	2	45	N/A -

### Polypropylene adapters

Cat.No	Description	Price
006871	Adapter GL32/GL25	N/A -
006872	Adapter GL32/GL28	N/A -
006873	Adapter GL32/GL38	N/A -
006874	Adapter GL32/GL40	N/A -
006875	Adapter GL32/GL45	N/A -
006876	Adapter GL45/GL32	N/A -



## Optifix® Dispensers



- ▶ **Fortuna Basic®**
- ▶ PTFE piston
- ▶ Fixed adapter in white PP
- ▶ Supplied with:
- ▶ 2 PP adapters GL 40 + 45
- ▶ 1 PTFE dip tube

- ▶ **Fortuna Universal®**
- ▶ PTFE Piston and cylinder
- ▶ Fixed PTFE adapter
- ▶ Supplied with:
- ▶ 2 PP adapters GL 40 + 45
- ▶ 1 PTFE dip tube

- ▶ **Fortuna Solvent®**
- ▶ Glass piston
- ▶ White PP Fixed adapter
- ▶ Supplied with:
- ▶ 2 PP adapters GL 40 + 45
- ▶ 1 PTFE dip tube

- ▶ **Fortuna Safety®**
- ▶ PTFE Piston with sealed lip
- ▶ Fixed PTFE adapter
- ▶ Supplied with:
- ▶ 2 PP adapters GL 40 + 45
- ▶ 1 PTFE dip tube

- ▶ **Fortuna Safety S®**
- ▶ PTFE Piston with sealed lip
- ▶ Fixed PTFE adapter
- ▶ With safety valve
- ▶ Ventilation tube
- ▶ Supplied with:
- ▶ 2 PP adapters GL 40 + 45
- ▶ 1 PTFE dip tube

Volume (ml)	Gradations (ml)	Fortuna Basic		Fortuna Universal		Fortuna Solvent		Fortuna Safety		Fortuna Safety S	
		Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price
0.4 - 2	0.1	320242	N/A -	-	-	320287	N/A -	320358	N/A -	320362	N/A -
1 - 5	0.1	320280	N/A -	320354	N/A -	320288	N/A -	-	-	320363	N/A -
2 - 10	0.2	320243	N/A -	320355	N/A -	320254	N/A -	320359	N/A -	320364	N/A -
6 - 30	0.5	320281	N/A -	320356	N/A -	320289	N/A -	-	-	320365	N/A -
10 - 50	1	320282	N/A -	320357	N/A -	320290	N/A -	320360	N/A -	320366	N/A -
20 - 100	2	320283	N/A -	-	-	320291	N/A -	320361	N/A -	320367	N/A -
40 - 200	5	320284	N/A -	-	-	320292	N/A -	-	-	-	-
60 - 300	5	320285	N/A -	-	-	320293	N/A -	-	-	-	-
100 - 500	5	320286	N/A -	-	-	320294	N/A -	-	-	-	-

### Optifix Dispensers Adapters

Type neck	GL 25	GL 28	GL 30	GL 33	GL 36	GL 38	GL 40	GL 45	GL 52	GL 55	GL 60	GL 65
PP Adapter	320300	320301	320263	320302	320303	320304	320305	320306	320307	320308	320309	320310
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
PTFE Adapter	320313	320314	320316	320317	320318	320319	320320	320321	320323	320324	320326	320329
Price	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

## Dosilab bottle dispenser



- ▶ Quick and precise volume control
- ▶ Guaranteed reproducibility thanks to the scale
- ▶ Complete liquid transfer without bubbles
- ▶ Full recovery of the liquid in the drain tube by turning the dispenser spout by 180°
- ▶ Compatible with bottles with a GL30 neck
- ▶ Autoclavable at 121 °C for 20 minutes
- ▶ Set of adapters for other collars sold separately (Cat. No. 391605)
- ▶ CE conformity

Cat. No.	Dispensed volume (ml)	Price
391575	0.2 - 2.5	N/A -
391576	0.5 - 5	N/A -
391577	1 - 10	N/A -
391578	2.5 - 30	N/A -
391579	5 - 60	N/A -
391580	10 - 100	N/A -

### Accessory

Cat. No.	Description	Price
391605	Additional set of adapters GL 28, 32, 36, 40 and 45 mm	N/A -



## Dispensman™ Dispensers



- ▶ For all types of liquids
- ▶ User-friendly calibration
- ▶ Many types of bottle adapters available
- ▶ Universal chemical compatibility for a wide variety of applications
- ▶ Fully autoclavable at 121 °C
- ▶ 3-position rotating nosepiece: dispense, recycle (to remove air from the cylinder without losing reagent), empty

Cat. No.	Volume (ml)	Graduation (ml)	Maximum allowable error				Price
			Gilson		ISO 8655-5		
			Errors systematic (ml)	Error random (ml)	Error systematic (ml)	Error random (ml)	
070179	0.25 - 2.5	0.05	± 0.012	≤ 0.002	± 0.030	≤ 0.010	N/A -
070180	0.5 - 5	0.10	± 0.030	≤ 0.005	± 0.030	≤ 0.010	N/A -
070181	1 - 10	0.20	± 0.060	≤ 0.010	± 0.060	≤ 0.020	N/A -
070182	2.5 - 25	0.50	± 0.150	≤ 0.025	± 0.150	≤ 0.050	N/A -
070183	5 - 50	1	± 0.300	≤ 0.050	± 0.300	≤ 0.100	N/A -

## Opus Dispensers



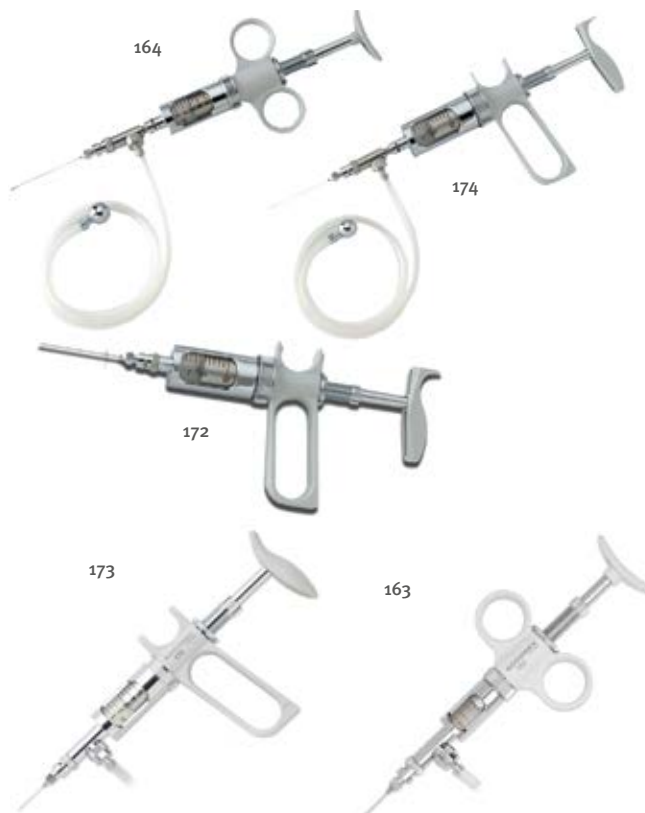
- ▶ Electronic dispensers, 100 - 240 V, with touchscreen control module
- ▶ Available in 10 ml, 20 ml and 50 ml
- ▶ Certificate of conformity
- ▶ RS232 or USB interface
- ▶ Suitable for A 45 mm bottle
- ▶ Supplied with adapters A32, A38 and S40, 1 suction hose with union nut, 1 discharge unit, 1 power cable, 1 data cable, 1 operating instructions, 1 installation key

Cat.No.	Volume (ml)	Accuracy (R%)	Reproducibility (CV%)	Price
502098	10	0.6	0.2	N/A -
502099	20	0.6	0.2	N/A -
502027	50	0.6	0.2	N/A -

## Socorex Dosys: automatic dispensing syringes

Automatic metal/glass syringes without seal, for repetitive dispensing.

- Autoclavable without disassembly
- Ergonomic shape, excellent grip
- Low maintenance
- Luer Lock Tip
- Equipped with a two-way valve
- Interchangeable ground glass cylinder
- Reliable volume control with safety dial
- Automatic spring return of the piston
- Perfectly suited for dispensing sterile agar
- Ideal for filtration
- Supplied with 1 m silicone hose
- Accessories available on request



### Premium" syringes with detachable valve and lever handle (model 174) or with rings (model 164), or "Basic" without valve (models 172)

Syringes with detachable valve and anti-corrosion piston. Supplied without needle.

- Detachable valve, better chemical resistance of the piston
- 4 models from 0.1 to 10 ml
- Piston with superior corrosion resistance
- Stainless steel two-way valve, detachable
- Supplied with 1m silicone hose
- Ideal as a sampling syringe
- Model 172: for single-shot dispensing, without valves, tubes or accessories

Handle type		Models 164		Models 174		Models 172	
		Rings		Stand		Stand	
Volume (ml)	Division (ml)	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price
0.1 - 1	0.05	061090	N/A -	061044	N/A -	061086	N/A -
0.3 - 2	0.1	061091	N/A -	061045	N/A -	061087	N/A -
0.5 - 5	0.5	061092	N/A -	061046	N/A -	061088	N/A -
1 - 10	1.0	061093	N/A -	061047	N/A -	061089	N/A -

### Syringe holder

- Holder for 1 automatic syringe 170/160 series
- Space saving
- Easy grip on the syringe

Cat. No.	Description	Price
061048	Holder for 1 automatic syringe 170/160	N/A -

### "Classic" syringes with integrated valve (models 173 or 163)

Fixed valve syringes for automatic dispensing and filling. Supplied without needle. Model 163: 2 Rings.

Handle type		Models 163		Models 173	
		Rings		Stand	
Volume (ml)	Division (ml)	Cat. No.	Price	Cat. No.	Price
0.025 - 0.3	0.025	061071	N/A -	061037	N/A -
0.025 - 0.3	0.025	061071	N/A -	061037	N/A -
0.1 - 1.0	0.05	061070	N/A -	061039	N/A -
0.3 - 2.0	0.1	061073	N/A -	061040	N/A -
0.5 - 5.0	0.5	061715	N/A -	061041	N/A -
1.0 - 10.0	1.0	061716	N/A -	061042	N/A -
5.0 - 20.0	1.0	-	-	061043	N/A -



## Hamilton Microlab 600 dispensers and dilutors



- ▶ High precision semi-automatic dispensing pump with syringe
- ▶ Simplified graphical user interface
- ▶ Designed to dilute and dispense liquids quickly and easily
- ▶ Borosilicate glass syringe
- ▶ PTFE/CTFE Piston and tubing
- ▶ Automates the pipetting process
- ▶ Supplied with traceable calibration certificate (N.I.S.T. standards)
- ▶ Multiple communication interfaces: Ethernet (RJ-45), CAN IN / OUT (RJ-12), TLL IN/OUT, SERIAL RS-232
- ▶ Possibility to control the instrument (Ethernet or RS-232) and then several instruments in a chain (CAN ports), remote control (optional programming kit required, Cat. No. 410532)
- ▶ Material compliant with EPA, FDA, GLP/GMP, and 21 CFR part 11
- ▶ Remote monitoring of the instrument from any computer (logfile)
- ▶ Dispensers and dilutors supplied with Concorde hand probe (491062 and 491063 have a double button), PTFE filling and dispensing tubes, accessory rack, universal valves, power cord

### Dispensing devices

	Basic controller		Advanced controller	
	Cat.No.	Price	Cat.No.	Price
1 syringe	412387*	N/A -	410504*	N/A -
2 syringes	491062*	N/A -	491063*	N/A -
Continuous with 2 syringes	491064**	N/A -	491065**	N/A -

\* syringe(s) 1 ml supplied  
\*\* syringe(s) 10 ml supplied

### Pumps

Cat. No.	Description	Syringe(s) supplied	Price
491067	Single syringe pump without controller nor accessories*	1 ml	N/A -
410503	Two syringe pump without controller nor accessories*	1 ml	N/A -

\*The pumps are supplied only with power cable, universal valve(s), syringe(s) and the customizable programming kit (software on CD, compatible only with Microsoft.NET 2.0 and earlier).

### Bubble Free Prime (BFP) syringe

Bubble-free priming syringe. Expels air from the syringe and valve, reducing the number of priming cycles required.

Cat.No.	Volume	Optimal ranges	Price
410505	10 µl	1 µl - 10 µl	N/A -
410506	25 µl	2.5 µl - 25 µl	N/A -
410507	50 µl	5 µl - 50 µl	N/A -
410508	100 µl	10 µl - 100 µl	N/A -
410509	250 µl	25 µl - 250 µl	N/A -
410511	1 ml	100 µl - 1 ml	N/A -
410512	2.5 ml	250 µl - 2.5 ml	N/A -
410513	5 ml	500 µl - 5 ml	N/A -
410514	10 ml	1 ml - 10 ml	N/A -
410515	25 ml	2.5 ml - 25 ml	N/A -
410516	50 ml	5 ml - 50 ml	N/A -

### SaltLine syringes

- ▶ For solutions with high salt concentrations
- ▶ UHMWPE (ultra high molecular weight polyethylene) piston

Cat.No.	Volume	Optimal ranges	Price
491074	1 ml	100 µl - 1 ml	N/A -
491075	5 ml	500 µl - 5 ml	N/A -
491076	10 ml	1 ml - 10 ml	N/A -

### Accessory

Cat.No.	Description	Price
410532	Programming kit via computer	N/A -

### Dilution devices

Cat. No.	Description	Syringes supplied	Price
491061	2-syringe dilution device with basic controller	250 µl / 2.5 ml	N/A -
410502	2-syringe dilution device with advanced controller	250 µl / 2.5 ml	N/A -

### Assembled PTFE hoses

Cat. No.	Gauge (G)	Type	Length (mm)	Internal volume	Price
410535	18	Filling tube	1219	1.15 ml	N/A -
410536	18	Dispensing tube	1372	1.29 ml	N/A -
410537	18	Filling tube	Personalized	0.94 µl/mm	N/A -
410538	18	Dispensing tube	Personalized	0.94 µl/mm	N/A -
410539	12	Filling tube	1219	4.57 ml	N/A -
410540	12	Dispensing tube	1372	5.15 ml	N/A -
410541	12	Filling tube	Personalized	3.75 µl/mm	N/A -
410542	12	Dispensing tube	Personalized	3.75 µl/mm	N/A -
410543	18	Continuous filling tube	-	0.94 µl/mm	N/A -
410544	12	Continuous filling tube	-	3.75 µl/mm	N/A -

### Accessories for Microlab 600

Cat.No.	Description	Units/box	Price/box
410521	Concorde CT dispensing sampler	1	N/A -
410522	Luer Lock Conversion Kit for Concorde CT	1	N/A -
410523	Dual channel dispensing sampler	1	N/A -
491066	Dispensing sampler for tips 0.5 to 1000 µl*	1	N/A -
491071	50 µl tip, in bulk, for 410528	960	N/A -
491072	1 ml tip, in bulk, for 410528	960	N/A -
491070	1 ml tip, in rack x 96 for 410528	10 racks	N/A -
410528	Large volume dispenser sampler for 1 - 5 ml tips*	1	N/A -
410529	5 ml tip, in bulk, for 410528	250	N/A -
410530	Foot switch	1	N/A -

\* The tip distribution samplers are only compatible with the Hamilton tips listed in the table

PIPETTES DISPENSING

Syringes selection guide

> Types of syringes

> **Microliter:** for liquids only with a steel piston, ideal for homogeneous solutions that do not leave a deposit

> **Gastight:** for liquids and gases with a PTFE piston that creates a tight seal, ideal for heterogeneous solutions

> Mouth type

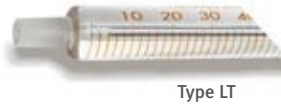
> **Syringes with needles cemented into the syringe, not autoclavable**

Type	Description
N and SN	Cemented needle
LTN and LTSN	Luer tip with cemented needle



> Syringes with removable needles

Type	Description	Type of needle compatible
LT	Luer tip	Needle with Kel-F hub
TLL	Luer lock tip	Needle with metal or Kel-F hub
RN	Removable needle	RN needles with small hub (2.5-100µl) or large hub (250µl-10ml)
KH	Knurled Hub	Exclusively for syringes of the 7000 series, KH needles



Other types of tips and pistons available on request

> Needle type

Tip Type	Description	Applications	Gauge
2	Tip 10-12°, bevelled, curved	Gas chromatography, septum piercing	33-10
3	Blunt, electro-polished	HPLC, thin layer chromatography, general liquid handling	34-10
4	Tip 10-12°, bevelled, not curved	Life science / animal injection	
5	Conical with a side port	Application with risk of needle clogging	
AS	Conical without port	Automatic sampler, pre-drilled septum	26-10



- 1) Choose the "internal - external" dimension which will give you the gauge
- 2) Choose the type of tip

Gauge type

Gauge	Ø ext. x Ø int. (mm)	Tolerance of Ø (mm)	Tolerance of Ø (mm)	Tip Type	Wall thickness (mm)	Volume (µl/cm)
34	0.16 x 0.06	0.02	0.01	2, 3 or 4	0.05	0.03
33	0.21 x 0.11	0.02	0.01	2, 3 or 4	0.05	0.1
32	0.24 x 0.11	0.02	0.01	2, 3 or 4	0.07	0.1
31	0.26 x 0.13	0.02	0.01	2, 3 or 4	0.07	0.13
30	0.31 x 0.16	0.02	0.01	2, 3 or 4	0.08	0.2
29	0.34 x 0.18	0.02	0.01	2, 3 or 4	0.08	0.25
28	0.36 x 0.18	0.02	0.01	2, 3 or 4	0.09	0.25
27	0.41 x 0.21	0.02	0.01	2, 3 or 4	0.1	0.35
26s	0.47 x 0.13	0.015	0.01	2, 3 or 4 / 5 or AS	0.17	0.13
26	0.46 x 0.26	0.02	0.01	2, 3 or 4 / 5 or AS	0.1	0.53
25s	0.52 x 0.15	0.015	0.01	2, 3 or 4 / 5 or AS	0.19	0.18
25	0.52 x 0.26	0.02	0.01	2, 3 or 4 / 5 or AS	0.13	0.53
24	0.57 x 0.31	0.02	0.01	2, 3 or 4 / 5 or AS	0.13	0.75
23s	0.64 x 0.12	0.02	0.03	2, 3 or 4 / 5 or AS	0.28	0.06
23	0.64 x 0.34	0.02	0.01	2, 3 or 4 / 5 or AS	0.15	0.91
22s	0.72 x 0.17	0.015	0.01	2, 3 or 4 / 5 or AS	0.29	0.18
22	0.72 x 0.41	0.02	0.01	2, 3 or 4 / 5 or AS	0.16	1.32
21	0.82 x 0.51	0.02	0.01	2, 3 or 4 / 5 or AS	0.16	2.04
20	0.91 x 0.60	0.02	0.01	2, 3 or 4 / 5 or AS	0.16	2.83
19	1.07 x 0.69	0.04	0.015	2, 3 or 4 / 5 or AS	0.19	3.74
18	1.27 x 0.84	0.04	0.015	2, 3 or 4 / 5 or AS	0.22	5.54
17	1.47 x 1.07	0.04	0.015	2, 3 or 4 / 5 or AS	0.2	8.99
16	1.65 x 1.19	0.04	0.015	2, 3 or 4 / 5 or AS	0.23	11.12
15	1.83 x 1.37	0.04	0.015	2, 3 or 4 / 5 or AS	0.23	14.74
14	2.11 x 1.60	0.05	0.025	2, 3 or 4 / 5 or AS	0.26	20.11
13	2.41 x 1.80	0.05	0.025	2, 3 or 4 / 5 or AS	0.31	25.45
12	2.77 x 2.16	0.05	0.025	2, 3 or 4 / 5 or AS	0.31	36.64
11	3.05 x 2.39	0.05	0.025	2, 3 or 4 / 5 or AS	0.33	44.86
10	3.40 x 2.70	0.05	0.025	2, 3 or 4 / 5 or AS	0.36	56.83

PIPETTES DISPENSING

## Hamilton Microliter Syringes - 600 Series (2.5 µl - 5 µl)



- ▶ 2.5 µl - 5 µl
- ▶ For liquids
- ▶ Removable needles (RN)
- ▶ Reinforced pistons

### 2.5 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074352	Syringe 62	RN	22S	51	Type 3	N/A -
074354	Syringe without needle 62	RN	-	-	-	N/A -

### 5 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074353	Syringe 65	RN	22S	51	Type 3	N/A -
074355	Syringe without needle 65	RN	*	*	*	N/A -

## Hamilton Microliter Syringes - 7000 Series (0.5 µl - 5 µl)



- ▶ 0.5 µl - 5 µl
- ▶ For liquids
- ▶ Removable needles (KH)
- ▶ Positive displacement
- ▶ No dead volume

### 0.5 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074362	Syringe 7000.50C	KH	32	100	Type 3	N/A -
074356	Syringe 7000.5	KH	25	70	Type 2	N/A -
074363	Syringe 7000.5	KH	25	70	Type 3	N/A -

### 2 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074359	Syringe 7002	KH	25	70	Type 2	N/A -
074360	Syringe 7102	KH	23	70	Type 2	N/A -
074366	Syringe 7002	KH	25	70	Type 3	N/A -
074367	Syringe 7102	KH	23	70	Type 3	N/A -

### 1 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074357	Syringe 7001	KH	25S	70	Type 2	N/A -
074358	Syringe 7101	KH	22S	70	Type 2	N/A -
074364	Syringe 7001	KH	25S	70	Type 3	N/A -
074365	Syringe 7101	KH	22S	70	Type 3	N/A -
074370	Syringe 7001	SN	25	*	*	N/A -

### 5 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074361	Syringe 7105	N	24	70	Type 2	N/A -
074368	Syringe 7105	N	24	70	Type 3	N/A -

### Accessory

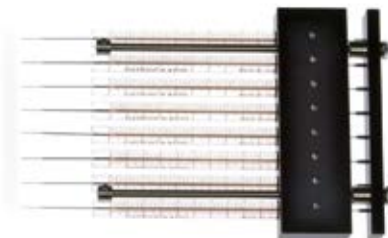
Cat. No.	Description	Price
074399	2" spacer for all models	N/A -



\* Syringe with customised needle: specify the gauge, length and type of tip by referring to the table on page 471

Needles: see pages 477 and 478  
Accessories: see page 476

## Multi-channel syringes



- ▶ 8-channel syringes for deposition on gels

Cat.No.	Needle size (mm)	Price
075345	0.2	N/A -
075354	0.3	N/A -
075353	0.4	N/A -

**Hamilton Microliter Syringes - 700 Series (5 µl - 500 µl)**

- 5 µl - 500 µl
- For liquids
- Cemented needles (N), removable (RN), luer cone (LT)

**50 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074303	Syringe 705	N	22S	51	Type 2	N/A -
074313	Syringe 705	N	22S	51	Type 3	N/A -
074323	Syringe 705	SN	*	*	*	N/A -
074330	Syringe 705	RN	22S	51	Type 2	N/A -
074337	Syringe without needle 705	RN	-	-	-	N/A -
074343	Syringe without needle 705	LT	-	-	-	N/A -

**100 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074304	Syringe 710	N	22S	51	Type 2	N/A -
074314	Syringe 710	N	22S	51	Type 3	N/A -
074324	Syringe 710	SN	*	*	*	N/A -
074331	Syringe 710	RN	22S	51	Type 2	N/A -
074338	Syringe without needle 710	RN	-	-	-	N/A -
074344	Syringe without needle 710	LT	-	-	-	N/A -

**250 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074305	Syringe 725	N	22S	51	Type 2	N/A -
074315	Syringe 725	N	22S	51	Type 3	N/A -
074325	Syringe 725	SN	*	*	*	N/A -
074332	Syringe 725	RN	22S	51	Type 2	N/A -
074339	Syringe without needle 725	RN	-	-	-	N/A -
074345	Syringe without needle 725	LT	-	-	-	N/A -

**500 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074306	Syringe 750	N	22	51	Type 2	N/A -
074316	Syringe 750	N	22	51	Type 3	N/A -
074326	Syringe 750	SN	*	*	*	N/A -
074333	Syringe 750	RN	22	51	Type 2	N/A -
074340	Syringe without needle 750	RN	-	-	-	N/A -
074346	Syringe without needle 750	LT	-	-	-	N/A -



**5 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074300	Syringe 75	N	26S	51	Type 2	N/A -
074309	Syringe 75	N	26S	51	Type 3	N/A -
074320	Syringe 75	SN	*	*	*	N/A -
074327	Syringe 75	RN	26S	51	Type 2	N/A -
074334	Syringe without needle 75	RN	-	-	-	N/A -

**10 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074301	Syringe 701	N	26S	51	Type 2	N/A -
074307	Syringe 701	N	26S	70	Type 2	N/A -
074308	Syringe 701	N	26S	76	Type 2	N/A -
074310	Syringe 701	N	26S	51	Type 3	N/A -
074318	Syringe 701	N	26S	51	Type 5	N/A -
074321	Syringe 701	SN	*	*	*	N/A -
074328	Syringe 701	RN	26S	51	Type 2	N/A -
074335	Syringe without needle 701	RN	-	-	-	N/A -
074341	Syringe without needle 701	LT	-	-	-	N/A -

**25 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074302	Syringe 702	N	22S	51	Type 2	N/A -
074312	Syringe 702	N	22S	51	Type 3	N/A -
074322	Syringe 702	SN	*	*	*	N/A -
074329	Syringe 702	RN	22S	51	Type 2	N/A -
074336	Syringe without needle 702	RN	-	-	-	N/A -
074342	Syringe without needle 702	LT	-	-	-	N/A -



\* Specify gauge, length, type of tip.

Needles: see pages 477 and 478  
Accessories: see page 476

**Hamilton Microliter Syringes - 800 Series (5 µl - 250 µl)**

- 5 µl - 250 µl
- Reinforced pistons
- For liquids
- Removable needles (RN), cemented needles (N)

**5 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074400	Syringe 85	N	26S	51	Type 2	N/A -
074412	Syringe 85	RN	26S	51	Type 2	N/A -
074418	Syringe 85 without needle	RN	-	-	-	N/A -

**10 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074401	Syringe 801	N	26S	51	Type 2	N/A -
074413	Syringe 801	RN	26S	51	Type 2	N/A -
074419	Syringe 801 without needle	RN	-	-	-	N/A -

**20 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074402	Syringe 802	N	22S	51	Type 2	N/A -
074414	Syringe 802	RN	22S	51	Type 2	N/A -
074420	Syringe 802 without needle	RN	-	-	-	N/A -

**50 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074403	Syringe 805	N	22S	51	Type 2	N/A -
074415	Syringe 805	RN	22S	51	Type 2	N/A -
074421	Syringe 805 without needle	RN	-	-	-	N/A -

**100 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074404	Syringe 810	N	22S	51	Type 2	N/A -
074416	Syringe 810	RN	22S	51	Type 2	N/A -
074422	Syringe 810 without needle	RN	-	-	-	N/A -

**250 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074417	Syringe 825	RN	22S	51	Type 2	N/A -
074423	Syringe 825 without needle	RN	-	-	-	N/A -





## Hamilton Microliter Syringes - 900 Series (5 µl - 10 µl)



- 5 µl - 10 µl
- For liquids
- Removable needles (RN), cemented needles (N)
- Reinforced pistons
- Non-replaceable and non-interchangeable pistons and bodies

### 5 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074452	Syringe 95	RN	26s	51	Type 2	N/A -
074454	Syringe without needle 95	RN	-	-	-	N/A -

### 10 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074451	Syringe 901	N	26s	51	Type 2	N/A -
074453	Syringe 901	RN	26s	51	Type 2	N/A -
074455	Syringe without needle 901	RN	-	-	-	N/A -

## Hamilton Gastight Syringes - 1700 Series (10µl - 500µl)



- Removable needles (RN), cemented needles (N/SN), luer cone (LT), Teflon luer cone (TLL)
- 10 µl - 500 µl
- For liquids and gases
- Reinforced pistons



\* Syringe with customised needle: specify the gauge, length and type of tip by referring to the table on page 471

### 10 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074457	Syringe 1701	N	26s	51	Type 2	N/A -
074463	Syringe 1701	N	26s	51	Type 3	N/A -
074469	Syringe 1701	N	26s	51	Type 5	N/A -
074475	Syringe 1701	SN	*/**	*	*	N/A -
074481	Syringe 1701	RN	26s	51	Type 2	N/A -
074487	Syringe 1701	RN	22s	51	Type 3	N/A -
074493	Syringe without needle 1701	RN	-	-	-	N/A -
074499	Syringe without needle 1701	LT	-	-	-	N/A -

### 100 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074460	Syringe 1710	N	22s	51	Type 2	N/A -
074466	Syringe 1710	N	22s	51	Type 3	N/A -
074472	Syringe 1710	N	22s	51	Type 5	N/A -
074478	Syringe 1710	SN	*	*	*	N/A -
074484	Syringe 1710	RN	22s	51	Type 2	N/A -
074490	Syringe 1710	RN	22s	51	Type 3	N/A -
074496	Syringe without needle 1710	RN	-	-	-	N/A -
074502	Syringe without needle 1710	LT	-	-	-	N/A -
074510	Syringe without needle 1710	TLL	-	-	-	N/A -

### 25 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074458	Syringe 1702	N	22s	51	Type 2	N/A -
074464	Syringe 1702	N	22s	51	Type 3	N/A -
074476	Syringe 1702	SN	*	*	*	N/A -
074482	Syringe 1702	RN	22s	51	Type 2	N/A -
074488	Syringe 1702	RN	22s	51	Type 3	N/A -
074494	Syringe without needle 1702	RN	-	-	-	N/A -
074500	Syringe without needle 1702	LT	-	-	-	N/A -

### 250 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074461	Syringe 1725	N	22s	51	Type 2	N/A -
074467	Syringe 1725	N	22s	51	Type 3	N/A -
074473	Syringe 1725	N	22s	51	Type 5	N/A -
074479	Syringe 1725	SN	*/**	*	*	N/A -
074485	Syringe 1725	RN	22s	51	Type 2	N/A -
074491	Syringe 1725	RN	22s	51	Type 3	N/A -
074497	Syringe without needle 1725	RN	-	-	-	N/A -
074503	Syringe without needle 1725	LT	-	-	-	N/A -
074511	Syringe without needle 1725	TLL	-	-	-	N/A -

### 50 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074459	Syringe 1705	N	22s	51	Type 2	N/A -
074465	Syringe 1705	N	22s	51	Type 3	N/A -
074471	Syringe 1705	N	22s	51	Type 5	N/A -
074477	Syringe 1705	SN	*/**	*	*	N/A -
074483	Syringe 1705	RN	22s	51	Type 2	N/A -
074489	Syringe 1705	RN	22s	51	Type 3	N/A -
074495	Syringe without needle 1705	RN	-	-	-	N/A -
074501	Syringe without needle 1705	LT	-	-	-	N/A -
074509	Syringe without needle 1705	TLL	-	-	-	N/A -

### 500 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074474	Syringe 1750	N	22	51	Type 5	N/A -
074480	Syringe 1750	SN	*	*	*	N/A -
074486	Syringe 1750	RN	22	51	Type 2	N/A -
074492	Syringe 1750	RN	22	51	Type 3	N/A -
074498	Syringe without needle 1750	RN	-	-	-	N/A -
074504	Syringe without needle 1750	LT	-	-	-	N/A -

\* Specify gauge, length, type of tip.



Needles: see pages 477 and 478  
Accessories: see page 476

**Hamilton Gastight Syringes - 1800 Series (10 µl - 250 µl)**

- 10 µl - 250 µl
- For liquids and gases
- Removable needles (RN), cemented needles (N/SN)



**10 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074698	Syringe 1801	N	26S	51	Type 2	N/A -
074708	Syringe 1801	RN	26S	51	Type 2	N/A -
074713	Syringe without needle 1801	RN	-	-	-	N/A -

**100 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074711	Syringe 1810	RN	22S	51	Type 2	N/A -
074716	Syringe without needle 1810	RN	-	-	-	N/A -

**25 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074699	Syringe 1802	N	22S	51	Type 2	N/A -
074709	Syringe 1802	RN	22S	51	Type 2	N/A -
074714	Syringe without needle 1802	RN	-	-	-	N/A -

**250 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074702	Syringe 1825	N	22S	51	Type 2	N/A -
074712	Syringe 1825	RN	22S	51	Type 2	N/A -
074717	Syringe without needle 1825	RN	-	-	-	N/A -

**50 µl Syringes**

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074700	Syringe 1805	N	22S	51	Type 2	N/A -
074710	Syringe 1805	RN	22S	51	Type 2	N/A -
074715	Syringe without needle 1805	RN	-	-	-	N/A -

**Hamilton Neuros™ Syringe**

- Syringes for animal injections
- Maximum control of the volume injected
- Minimised risk of tissue damage
- For injection volumes from 50 nl (nanolitres) to 100 µl
- Needle protected by a sleeve



Vol. (µl)	Model	Gauge	Type of syringe	Tip type 3		Tip type 4	
				Cat.No	Price	Cat.No	Price
0.5	7000.5 KH	32	Modified Microliter	-	-	075646	N/A -
1	7001 KH	32	Modified Microliter	412375	N/A -	075645	N/A -
2	7002 KH	30	Modified Microliter	412376	N/A -	075647	N/A -
5	75 RN*	33	Microliter	412377	N/A -	075648	N/A -
10	1701 RN*	33	Gastight	412378	N/A -	075649	N/A -
25	1702 RN*	33	Gastight	412379	N/A -	075650	N/A -
50	1705 RN*	33	Gastight	412380	N/A -	075651	N/A -
100	1710 RN*	33	Gastight	412381	N/A -	075652	N/A -

- **Modified Microliter:** 7000 series, ultra-precise, tungsten piston, no dead volume
- **Microliter:** 700 series, for liquids only, stainless steel piston individually adjusted to the glass body
- **Gastight:** 1700 and 1000 series, for gases and liquids, polymer piston, no leakage

\* These Cat.No. contain the syringe with needle, 1 Neuros adapter and 2 needle sleeves.

**Accessories**

Cat.No	Description	Price
412382	Adapter Kit 700/1700	N/A -
412383	Replacement needles, tip type 3 (all 6)	N/A -
075663	Replacement needles, tip type 4 (all 6)	N/A -



Needles: see pages 477 and 478  
Accessories: see page 476

Hamilton Gastight Syringes - 1000 Series (1ml - 25ml)



\* Syringe with customised needle: specify the gauge, length and type of tip by referring to the table on page 471

- > 1 ml - 25 ml
- > For liquids and gases
- > Removable needles (RN), cemented needles (LTN/LTSN), luer cone (LT), Teflon luer cone (TLL)

1 ml syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074590	Syringe 1001	LTN	22	51	Type 2	N/A -
074595	Syringe 1001	LTN	22	51	Type 3	N/A -
074599	Syringe 1001	LTN	22	51	Type 5	N/A -
074603	Syringe 1001	LTSN	*	*	*	N/A -
074613	Syringe without needle 1001	RN	-	-	-	N/A -
074617	Syringe without needle 1001	LT	-	-	-	N/A -
074629	Syringe without needle 1001	TLL	-	-	-	N/A -

2.5 ml syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074592	Syringe 1002	LTN	22	51	Type 2	N/A -
074596	Syringe 1002	LTN	22	51	Type 3	N/A -
074600	Syringe 1002	LTN	22	51	Type 5	N/A -
074605	Syringe 1002	LTSN	*	*	*	N/A -
074614	Syringe without needle 1002	RN	-	-	-	N/A -
074619	Syringe without needle 1002	LT	-	-	-	N/A -
074630	Syringe without needle 1002	TLL	-	-	-	N/A -

5 ml syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074593	Syringe 1005	LTN	22	51	Type 2	N/A -
074597	Syringe 1005	LTN	22	51	Type 3	N/A -
074601	Syringe 1005	LTN	22	51	Type 5	N/A -
074606	Syringe 1005	LTSN	*	*	*	N/A -
074615	Syringe without needle 1005	RN	-	-	-	N/A -
074620	Syringe without needle 1005	LT	-	-	-	N/A -
074631	Syringe without needle 1005	TLL	-	-	-	N/A -

10 ml syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
074594	Syringe 1010	LTN	22	51	Type 2	N/A -
074598	Syringe 1010	LTN	22	51	Type 3	N/A -
074602	Syringe 1010	LTN	22	51	Type 5	N/A -
074607	Syringe 1010	LTSN	*	*	*	N/A -
074616	Syringe without needle 1010	RN	-	-	-	N/A -
074621	Syringe without needle 1010	LT	-	-	-	N/A -
074632	Syringe without needle 1010	TLL	-	-	-	N/A -

25 ml syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	Price
075640	Syringe 1025	TLL	22	51	Type 2	N/A -

\* Specify gauge, length, type of tip.

Hamilton Dispenser PB600-1



- > For dispensing from 0.2 µl to 50 µl
- > Compatible with 700, 1700, 1000 series
- > Suitable for N, RN, LT, TLL needles

Volume dispensed	Syringe volume	Syringe series
0.2 µl	10 µl	1700
0.5 µl	25 µl	1700, 700
1 µl	50 µl	1700, 700
2 µl	100 µl	1700, 700
5 µl	250 µl	1700, 700
10 µl	500 µl	1700, 700
20 µl	1 ml	1000
50 µl	2.5 ml	1000

Cat.No	Description	Price
074347	Dispenser PB 600-1	N/A -

Hamilton Chaney adapters



- > Ensures reproducibility of injections
- > For the stability of the piston, avoids the risk of torsion and breakage

Cat.No.	Description	Price
074348	Chaney adapter for 700, 1700, and 7000 series	N/A -
074424	Chaney adapter for 800 and 1800 series	N/A -

Guides



Cat.No.	Description	Price
074349	Guide for 700/1700 series syringes 5 - 10 µl	N/A -
074350	Guide for 7000 series syringes 25 - 500 µl	N/A -

PIPETTES DISPENSING

**Needles for TLL and LT syringes with HUB**

➤ **Needles with Kel-F or metal hub**

- **Stainless steel**
- **Kel-F hub: CTFE plastic, recommended for LT syringes**
- **Metal hub: nickel-plated brass, recommended for TLL syringes**

**Standard needles**

- **Length: 51 mm**
- **Pack of 6 needles**

Hub in Kel-F						
Gauge	Tip Type					
	2	Price 6 units	3	Price 6 units	5	Price 6 units
26S	074847	N/A -	074848	N/A -	-	-
26	074858	N/A -	074859	N/A -	-	-
25	074869	N/A -	074870	N/A -	-	-
24	-	-	-	-	074882	N/A -
23	074891	N/A -	074892	N/A -	074893	N/A -
22S	074902	N/A -	074903	N/A -	074904	N/A -
22	074913	N/A -	074914	N/A -	074915	N/A -
21	074924	N/A -	074925	N/A -	074926	N/A -
20	074935	N/A -	074936	N/A -	074937	N/A -
18	075627	N/A -	-	-	074951	N/A -
17	-	-	-	-	074962	N/A -
16	-	-	412396	N/A -	074973	N/A -

Metal hub						
Gauge	Tip Type					
	2	Price 6 units	3	Price 6 units	5	Price 6 units
26S	074842	N/A -	074843	N/A -	-	-
26	074853	N/A -	074854	N/A -	-	-
25	074864	N/A -	074865	N/A -	-	-
24	074875	N/A -	074876	N/A -	-	-
23	074886	N/A -	412397	N/A -	-	-
22S	074897	N/A -	074898	N/A -	074899	N/A -
22	074908	N/A -	074909	N/A -	074910	N/A -
21	074919	N/A -	074920	N/A -	074921	N/A -
20	074930	N/A -	-	-	074932	N/A -
19	074941	N/A -	-	-	-	-
18	074944	N/A -	-	-	-	-



**Customized needles**

- **Tip type and length (10 - 304 mm) to be specified when ordering**
- **Pack of 6 needles**

Hub in Kel-F				
Gauge	Tip Type			
	2, 3, 4	Price 6 units	5, AS	Price 6 units
31	074816	N/A -	-	-
30	074823	N/A -	-	-
28	074833	N/A -	-	-
27	074840	N/A -	-	-
26S	074851	N/A -	-	-
26	074862	N/A -	-	-
25	074873	N/A -	-	-
24	074884	N/A -	074883	N/A -
22S	074906	N/A -	074905	N/A -
22	074971	N/A -	074916	N/A -
21	074928	N/A -	074927	N/A -
20	074939	N/A -	074938	N/A -
18	074953	N/A -	074952	N/A -
17	074964	N/A -	074963	N/A -
16	074975	N/A -	074974	N/A -
14	074985	N/A -	074984	N/A -
13	074992	N/A -	074991	N/A -
12	074999	N/A -	074998	N/A -
11	075336	N/A -	-	-
10	075343	N/A -	075342	N/A -

Metal hub				
Gauge	Tip Type			
	2, 3, 4	Price 6 units	5, AS	Price 6 units
33	074807	N/A -	-	-
31	074813	N/A -	-	-
30	074820	N/A -	-	-
28	074830	N/A -	-	-
27	074837	N/A -	-	-
26S	074846	N/A -	074845	N/A -
26	074857	N/A -	-	-
25	074868	N/A -	-	-
24	074879	N/A -	-	-
23	074890	N/A -	074889	N/A -
22S	074901	N/A -	074900	N/A -
22	074912	N/A -	074911	N/A -
21	074923	N/A -	074922	N/A -
20	074934	N/A -	074933	N/A -
18	074948	N/A -	-	-
17	074959	N/A -	074958	N/A -
16	074970	N/A -	074969	N/A -
14	074982	N/A -	-	-
13	074989	N/A -	-	-
12	074996	N/A -	-	-
11	075333	N/A -	-	-
10	075340	N/A -	-	-

**PIPETTES DISPENSING**



Hamilton RN syringe needles



- ▶ Stainless steel
- ▶ Small hub needles compatible with RN syringes from 2.5 µl to 100 µl
- ▶ Wide hub needles compatible with RN syringes from 250 µl to 10 ml

Standard needles

- ▶ Length: 51 mm
- ▶ Pack of 6 needles

Customized needles

- ▶ Tip type and length (10 - 304 mm) to be specified when ordering
- ▶ Pack of 6 needles

Small Hub				
Gauge	Tip Type			
	2, 3, 4	Price 6 units	5, AS	Price 6 units
33	074751	N/A -	-	-
32	074753	N/A -	-	-
31	074755	N/A -	-	-
30	074757	N/A -	-	-
28	074759	N/A -	-	-
27	074761	N/A -	-	-
26S	-	-	074765	N/A -
26	074776	N/A -	074775	N/A -
22S	074786	N/A -	074785	N/A -
22	074796	N/A -	074795	N/A -

Large Hub				
Gauge	Tip Type			
	2, 3, 4	Price 6 units	5, AS	Price 6 units
26S	074771	N/A -	074770	N/A -
26	074781	N/A -	074780	N/A -
22S	074791	N/A -	074790	N/A -
22	074801	N/A -	074800	N/A -

Small Hub

Gauge	Tip Type					
	2	Price 6 units	3	Price 6 units	5	Price 6 units
33	-	-	074750	N/A -	-	-
32	-	-	074752	N/A -	-	-
31	-	-	074754	N/A -	-	-
30	-	-	074756	N/A -	-	-
28	-	-	074758	N/A -	-	-
27	-	-	074760	N/A -	-	-
26S	074762	N/A -	074763	N/A -	074764	N/A -
26	074772	N/A -	074773	N/A -	074774	N/A -
22S	074782	N/A -	074783	N/A -	074784	N/A -
22	074792	N/A -	074793	N/A -	074794	N/A -

Large Hub

Gauge	Tip Type					
	2	Price 6 units	3	Price 6 units	5	Price 6 units
26S	074767	N/A -	074768	N/A -	074769	N/A -
26	074777	N/A -	074778	N/A -	074779	N/A -
22S	074787	N/A -	074788	N/A -	074789	N/A -
22	074797	N/A -	074798	N/A -	074799	N/A -



