

Protective Admixture Tools

The needle-free assortment



Drug Admixture & Delivery

Everything to make your admixture procedures safer and more convenient

B | BRAUN
SHARING EXPERTISE

A bundle of solutions ...

Do you really still believe that steel needles are the best solution for your daily work?

Who is not familiar with this situation on the ward or in the pharmacy. Numerous drugs have to be admixed quickly, all at the same time. The patients need their medicines, treatment regimens have to start.

In this labor-intensive and stressful healthcare environment, the last thing anybody needs are products that require inconvenient or unsafe procedures. Not only is the risk of harming patients very worrying, but also the danger of needlesticks or contamination.

Don't distress!

Let B. Braun help with a needle-free assortment to make admixture procedures safer and more convenient.



... for your key admixture procedures

Drug Admixture & Delivery

	Diluting antibiotics or other non-toxic lyophilized drugs	Withdrawing fluids or non-toxic drugs	Preparing cytostatic or other toxic drugs
Transfer devices	<p>Reconstitute Transfer devices</p>		
Micro pins & filter straws	<p>Reconstitute</p>	<p>Withdraw Inject Micro pins & filter straws Filter</p>	
Dispensing pins	<p>Reconstitute</p>	<p>Withdraw Filter Inject</p>	<p>Prepare Dispensing pins</p>

Transfer devices



FDC 1000

Fluid dispensing connector for filling unit-dose syringes from a large master syringe.

- Provides a secure connection of two syringes. Luer-lock connections on both sides.
- Easy-to-use and minimizes contamination. Large grip-plates.
- Easy air elimination from unit-dose syringe. Air is always located in the upper end of the master syringe.

Code No. (REF)	415080
Sales unit/Pcs.	100



Transofix

Transfer spike for large containers. Fits into rubber stoppers 6.3 mm and bag set ports.

- Allows excellent flow even with non-evacuated glass vials. Large internal diameter.
- Easy-to-use. Large grip flanges.

Code No. (REF)	4090500
Sales unit/Pcs.	200



Ecoflac Mix

Transfer cap for transferring fluids between an Ecoflac® plus container and vials (cap diameter: 20 mm).

- Provides a stable connection between both containers. Specially designed to fit Ecoflac® plus and standard vials.
- Convenient handling helps improve aseptic technique. Shrouded spike.

Code No. (REF)	16401
Sales unit/Pcs.	250



MAC 1001

Multi-Ad system for reconstitution and administration of I.V. additives and fluids.

- Multiple same-volume fluid transfers can be repeated rapidly. Adjustment device allows spring-loaded plunger to return to preset volume.
- Handling convenience. Ergonomic grip design.

Code No. (REF)	513506
Sales unit/Pcs.	10



MAT 4100

Multi-Ad set. Same as MAC1001, but without spring loader syringe.

Code No. (REF)	513548
Sales unit/Pcs.	20

Micro pins & filter straws



MP 1000

Non vented micro pin for fluid withdrawal or injection and piercing (vial stoppers and bag injection ports).

- Intuitive handling according to standard technique. Simple design.
- Prevents needlestick injuries. Made of plastic.
- Allows high fluid-flow rate. Large internal lumen.

Code No. (REF) 415019
Sales unit/Pcs. 100



VN 1000

Vented micro pin for fluid withdrawal or injection. Same as MP1000, but with integrated air-venting channel.

- Fewer procedural steps. Air-venting channel makes over-pressure release unnecessary.

Code No. (REF) 415070
Sales unit/Pcs. 100



Sterifix filter straw 5 µm, 4.5 cm

Short filter straw for withdrawal and filtration of fluids from small ampoules.

- Reduces risk of glass particle injection with glass ampoules. 5 µm filter hub attached.
- Prevents needlestick injuries. Blunt plastic straw.
- Very suitable for aspiration. Flexible straw can be angled.

Code No. (REF) 4550250
Sales unit/Pcs. 200



Sterifix filter straw 5 µm, 10 cm

Long filter straw for withdrawal and filtration of fluids from large ampoules. Same as Sterifix filter straw 5 µm, 4.5 cm, but with 10 cm straw.

Code No. (REF) 4550200
Sales unit/Pcs. 200



Dispensing pins



Attached air filter

DP1000

Vented dispensing pin for injecting and withdrawing fluids from vials or semi-rigid containers. Bacteria retentive air filter.

- Reduces contamination of drug from room-air. Features bacteria retentive air filter.
- Simplifies working procedure. Attached air-venting channel makes over-pressure release techniques unnecessary.
- Reduces risk of touch-contamination of spike. Large flanges.

Code No. (REF) 412012

Sales unit/Pcs. 50



Integrated air filter

Mini-Spike Plus

Vented dispensing pin for injecting and withdrawing fluids from vials or semi-rigid containers. 0.45 µm bacteria retentive air filter.

- Reduces contamination of drug from room-air. Features 0.45 µm bacteria retentive air filter.
- Simplifies working procedure. Integrated air-venting channel makes over-pressure release techniques unnecessary.
- Minimizes risk of touch-contamination of spike and Luer connector. Award-winning design with large flanges, large grip-plate and shrouded Luer connector.
- Improved working environment hygiene. Integrated flip cap prevents cap loss and leakage.

Code No. (REF) 4550242

Sales unit/Pcs. 50



High-flow two-way valve

High-flow one-way valve

DP3500L

Convenient non-vented dispensing pin with two-way valve and Safsite® valve for injecting or withdrawing fluids from bags or semi-rigid containers.

- Rapid fluid transfer and high-flow rates. Large lumen and high-flow valve design.
- Keeps working environment clean especially with hanging containers. Self-sealing valve system.

Code No. (REF) 413501

Sales unit/Pcs. 50



Integrated fluid filter

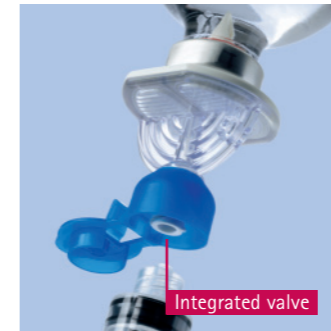
Mini-Spike Plus Filter

Vented dispensing pin for filtered injection or filtered withdrawal of fluid from vials or semi-rigid containers. With 0.45 µm air-filter and 5 µm fluid filter.

- Same benefits as Mini-Spike Plus (green), and more:
- Reduced particle contamination of the fluid. Integrated 5 µm fluid filter.

Code No. (REF) 4550234

Sales unit/Pcs. 50



Integrated valve

Mini-Spike V Filter

Vented dispensing pin for filtered injection or filtered withdrawal of fluid from vials or semi-rigid containers. With 0.45 µm air-filter, 5 µm fluid filter and integrated valve.

- Same benefits as Mini-Spike Plus Filter (blue), and more:
- Free-flow protection for inverted containers. Integrated two-way valve.

Code No. (REF) 4550579

Sales unit/Pcs. 50



Dispensing pins



Integrated aerosol filter

Chemo Mini-Spike Plus

Vented chemo dispensing pin for filtered injection or filtered withdrawal of cytostatic drugs from vials or semi-rigid containers. Supplied with 0.2 µm air filter, and 5 µm fluid filter.

- Same benefits as Mini-Spike Plus (green), and more:
- Reduced risk of contamination with toxic aerosols. Integrated 0.2 µm aerosol-retentive air filter.

Code No. (REF) 4550340
Sales unit/Pcs. 50



Micro-tip

Chemo Mini-Spike Plus with Micro-tip

Vented chemo dispensing pin for injection or withdrawal of cytostatic drugs from small volume vials or rubber stoppers. Supplied with 0.2 µm air filter.

- Same benefits as Mini-Spike Plus Chemo (red), and more:
- Less waste of low-dose high-cost drugs. Micro-tip with short length and removed fluid filter for minimized drug retention volume.
- Prevents small rubber stoppers from being pushed into the vial. Micro-tip with a very small diameter.

Code No. (REF) 4550536
Sales unit/Pcs. 50



Integrated valve

Chemo Mini-Spike V

Vented chemo dispensing pin for filtered injection or filtered withdrawal of cytostatic drugs from vials or semi-rigid containers. Supplied with 0.2 µm air filter, 5 µm fluid filter and integrated valve.

- Same benefits as Mini-Spike Plus Chemo (red), and more:
- Free-flow protection from inverted containers. Integrated two way valve.

Code No. (REF) 4550587
Sales unit/Pcs. 50



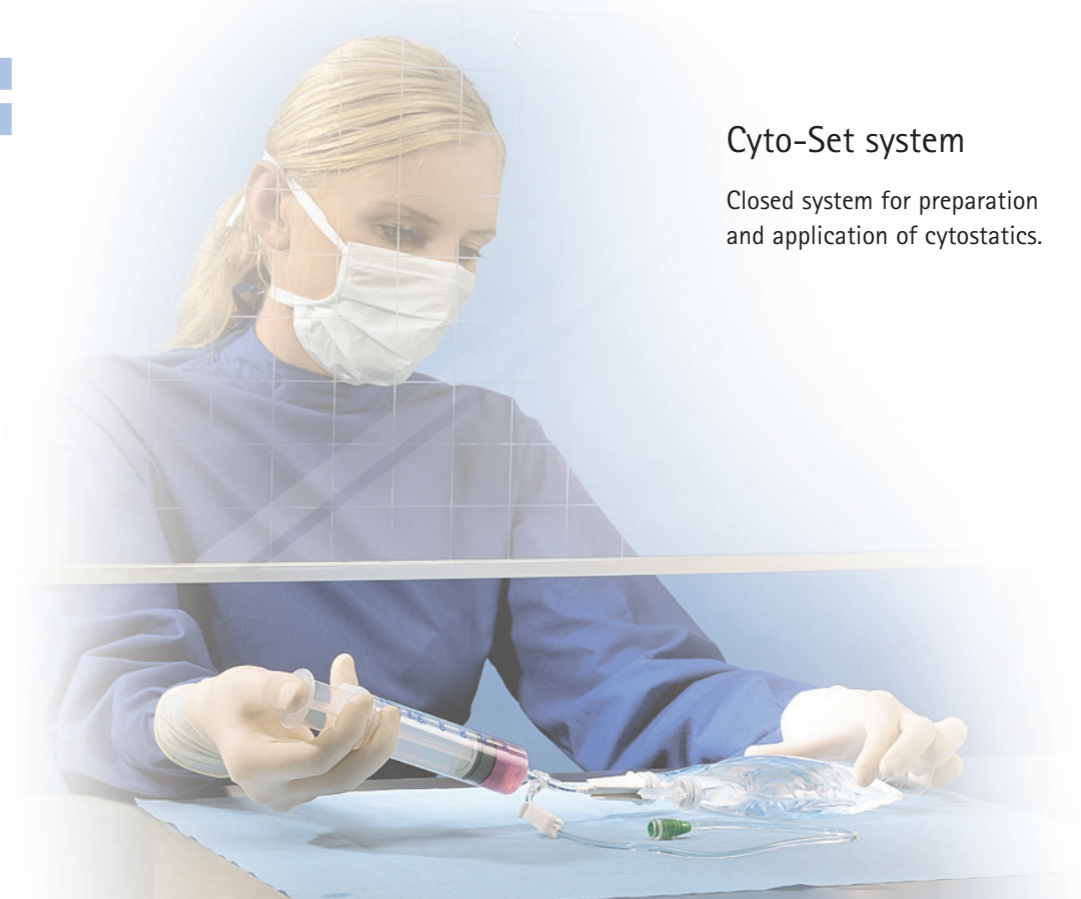
Attached aerosol filter

CDP2000

Vented chemo dispensing pin for injecting or withdrawing cytostatic drugs from vials or semi-rigid containers. With 0.2 µm air filter attached.

- Same benefits as DP1000, and more:
- Lower risk of contamination from toxic aerosols. With 0.2 µm air filter attached.

Code No. (REF) 412014
Sales unit/Pcs. 50



Cyto-Set system

Closed system for preparation and application of cytostatics.

Admixture accessories



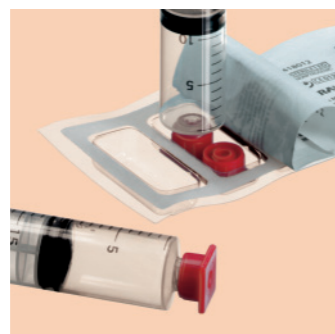
Combi Stopper red

Combi-stopper (red) for sealing male or female Luer-Lock and Luer-Slip connections.

- Universally seals all connections. Unique multifunctional design combines male, female, Luer-Lock, as well as Luer-Slip adaptability.

Code No. (REF) 4495101

Sales unit/Pcs. 1000



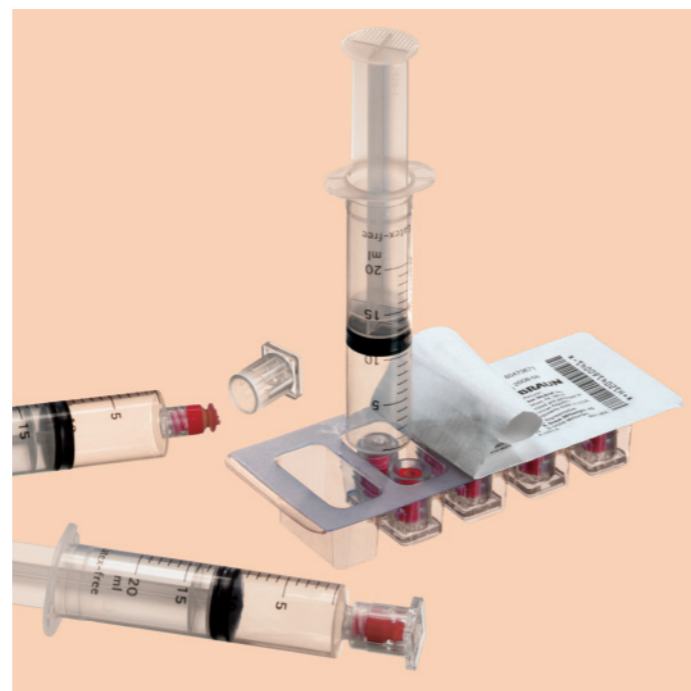
SC2000

Multi-ad Luer-Lock syringe cap (red).

- Onehand cap attachment. Blister pack stabilizes the cap on working surface.

Code No. (REF) 418012

Sales unit/Pcs. 50 x 10



TEC 1000

Tamper-evident syringe cap allows user to determine if Luer-Lock syringe has been manipulated.

- Especially important when working with cytostatic drugs, or controlled substances. Two-piece design breaks away upon manipulation.

- Less cost when guideline allows no used drugs to be returned to the pharmacy. Visual inspection confirms that the products have not been used.

- Onehand cap attachment. Unique blister pack stabilizes cap on working surface.

Code No. (REF) 418004

Sales unit/Pcs. 50 x 10



Omnifix® and Injekt® syringes

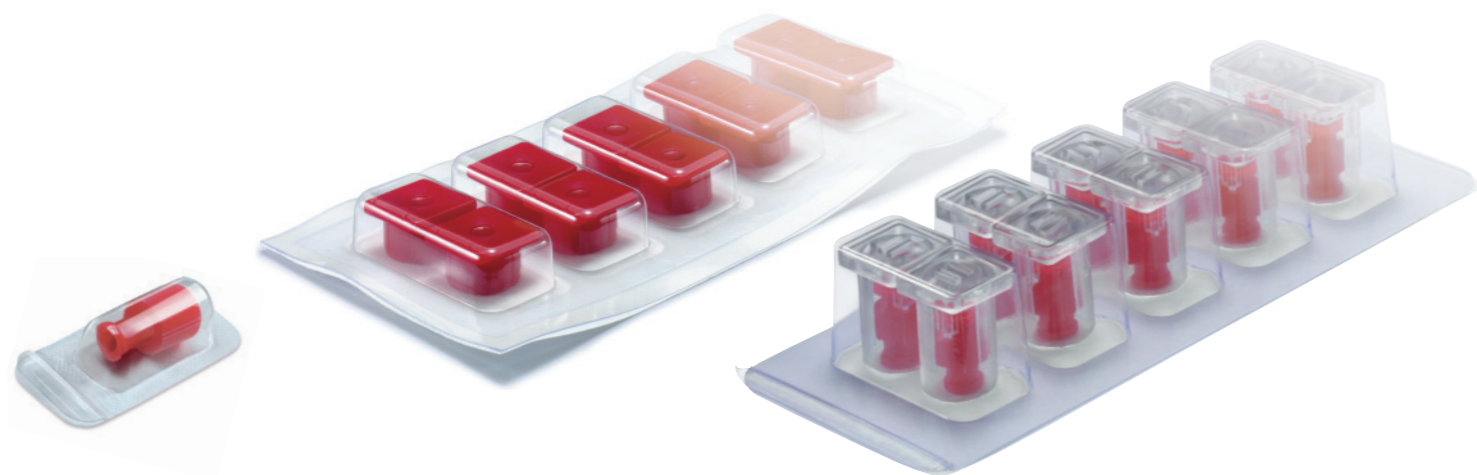
Syringes in different sizes, with 2- or 3-piece, Luer-Lock or Luer-Slip.

- High barrel transparency – simplifies inspection of the syringe's content.

- Excellent plunger slide characteristics allow for an exact dosing of fluid.

- Optimal plunger gasket and barrel geometry minimize residual volume and ensure leak-tightness.

- No unintentional withdrawal of syringe plunger possible due to safe back-flow stop.



Admixture accessories



Ecopin

An original tamper-proof seal for the injection port after drug admixture.

- Prevents further manipulation. Dedicated design.

Code No. (REF) 4125002

Sales unit/Pcs. 1000



Ecoflac® plus

Semi-rigid PE container for IV-solutions.

- Compatible with all major drugs. Free of PVC, DEHP and latex.
- Collapses unvented (closed system).
- Less admixture steps required. Each bacteria-free port is sealed separately. No intermediate disinfection steps.
- Safer and more convenient to handle than flexible bags. Advanced, stand-up container.



ConComp Database

ConComp, a unique information source. For all your compatibility questions on drugs, container material and IV-solutions.

www.concomp-partner.com



Protective Admixture Tools

Product groups			
Transfer devices	FDC1000 (fluid dispensing connector)	415080	100
	Transofix (transfer spike)	4090500	200
	Ecoflac Mix (transfer cap)	16401	250
	MAT4100 (Multi-Ad set)	513548	20
	MAC1001 (Multi-Ad system)	513506	10
Micro pins & filter straws	MP1000 (micro pin)	415019	100
	VN1000 (vented micro pin)	415070	100
	Sterifix filter straw, 4.5 cm	4550250	200
	Sterifix filter straw, 10 cm	4550200	200
Dispensing pins	DP1000 (dispensing pin)	412012	50
	Mini-Spike Plus	4550242	50
	DP3500L (two-way high-flow dispensing pin)	413501	50
	DPO4000L (one-way high-flow dispensing pin)	412023	50
	Mini-Spike Plus Filter	4550234	50
	Mini-Spike V Filter	4550579	50
	CDP2000 (chemo dispensing pin)	412014	50
	Chemo Mini-Spike Plus	4550340	50
	Chemo Mini-Spike Plus, with Micro-tip	4550536	50
	Chemo Mini-Spike V	4550587	50
Admixture accessories	Combi Stopper red	4495101	1000
	TEC1000 (tamper-evident cap)	418004	50 x 10
	SC2000 (syringe cap)	418012	50 x 10
	Ecopin	4125002	1000

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