Wide offering of quality innovative designs to meet everyday demand with the flexibility to adapt to evolving environmental challenges.
Raise your expectations for stopcock performance.

ULTRAPORT zer0 is a unique stopcock designed to reduce the chance of Catheter Related Blood Stream Infections and to simplify IV fluid or drug administrations.

**ULTRAPORT zer0**
- Eliminates dead space and residual drug
- Automatically primes, easily removing air bubbles that may be hazardous to certain patient types
- Automatically flushes, reducing the number of accesses required to complete IV fluid or drug administration
- Swabbable closed system to prevent contamination
- Avoids leak if handle is inadvertently left open
- Eliminates caps, reducing set changes

**Implementation of infection control measures in the anesthesia work area may help reduce the development of infections.**

Reduce the chance of CRBSIs with silver impregnated antimicrobial stopcocks

- Controlled release antimicrobial effect
- Functions the same as B. Braun's existing stopcocks
- Contraindicated in patients with a history of hypersensitivity to silver
- Not intended as a treatment for patient infections

### Silver Impregnated Stopcocks

<table>
<thead>
<tr>
<th>Gram-Positive Bacteria</th>
<th>0</th>
<th>24</th>
<th>48</th>
<th>72</th>
<th>96</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Staphylococcus aureus</em></td>
<td>3.716</td>
<td>1.569</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Methicillin-Resistant <em>Staphylococcus aureus</em></td>
<td>3.121</td>
<td>1.893</td>
<td>1.009</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Staphylococcus epidermidis</em></td>
<td>3.204</td>
<td>1.762</td>
<td>0.079</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gram – Negative Bacteria</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Enterobacter aerogenes</em></td>
<td>3.35</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Yeasts</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Candida spp</em></td>
<td>3.435</td>
</tr>
</tbody>
</table>

* All the tests were performed on a substrates of saline + 5% dextrose

### Silver Mechanism of Action on Bacteria

#### Normal Cell
The cytoplasm is evenly dispersed throughout the entire cell. The cell wall is intact and the cells are able to reproduce.

#### Cell Exposed to Silver
The cytoplasm detaches from the cell wall.

#### Cell Death
Further exposure to silver results in a condensation of DNA and damage to the cell wall, eventually leading to death.

Stopcocks

B. Braun offers a full range of stopcocks to assist you in controlling fluid flow through IV delivery systems. Single packaged Standard and 9 French, High-Flow options are available, as well as 2, 3, 4 and 5 ganged options to meet all your IV therapy needs. All options are lipid resistant with a transparent housing for clear view of the fluid path.

**DISCOFIX® Stopcocks**
- Have port covers
- Composed of lipid-resistant material
- Do not contain DEHP or natural rubber latex

---

455980 One-way stopcock, female luer lock port, SPIN-LOCK® connector. Priming volume: 0.20 mL 100 per case

455991 Three-way stopcock, two female luer lock ports, male luer slip connector. Priming volume: 0.26 mL 100 per case

456003 Three-way stopcock, two female luer lock ports, SPIN-LOCK connector. Priming volume: 0.26 mL 100 per case

456006 Four-way stopcock, two female luer lock ports, male luer slip connector. Priming volume: 0.26 mL 100 per case

456020 Four-way stopcock, two female luer lock ports, SPIN-LOCK connector. Priming volume: 0.26 mL 100 per case

458001 Antimicrobial version of the above stopcock. Dark blue handle. 100 per case

456060 High-Flow, four-way stopcock, two female luer lock ports, SPIN-LOCK connector. Priming volume: 0.32 mL 100 per case

458002 Antimicrobial version of the above stopcock. Lavender handle. 100 per case
Stopcocks

- Have port covers
- Have SPIN-LOCK® connectors
- Do not contain DEHP or natural rubber latex

### 455992 Two-gang, three-way stopcocks with three female luer lock ports.
Composed of lipid resistant material. Priming volume: 0.68 mL. Length: 3 in. (7.6 cm)
100 per case

### 455995 Three four-way stopcocks, four luer lock female ports.
Composed of lipid resistant material. Priming volume: 0.82 mL. Length: 5 in. (12.7 cm)
50 per case

### 513552 Five four-way stopcocks, six luer lock female ports.
Composed of lipid resistant material. Priming volume: 1.43 mL. Length: 8 in. (20.3 cm)
100 per case

### 456201 High-Flow, two-gang, four-way stopcocks, three female luer lock ports.
Composed of lipid resistant material. Priming volume: 0.65 mL. Length: 3 in. (7.6 cm)
25 per case

### 458201 Antimicrobial version of the above stopcock. Lavender handle. NOT lipid resistant.
25 per case

### 456301 High-Flow, three-gang, four-way stopcocks, four female luer lock ports.
Composed of lipid resistant material. Priming volume: 0.95 mL. Length: 4 in. (10.2 cm)
25 per case

### 458301 Antimicrobial version of the above stopcock. Lavender handle. NOT lipid resistant.
25 per case

### 456401 High-Flow, four-gang, four-way stopcocks, five female luer lock ports.
Composed of lipid-resistant material. Priming volume: 1.31 mL. Length: 5 in. (12.7 cm)
25 per case
**ULTRAPORT™ and ULTRAPORT zer0**

**Luer-Activated Needle-Free Stopcocks**

The innovative ULTRAPORT and ULTRAPORT zer0 have all the benefits of a stopcock with the added safety and convenience of a swabbable, needle-free valve. Make sterile replacement caps a thing of the past as well as leakage from a handle inadvertently left open. Choose from minimal dead space with ULTRAPORT or zero dead space with ULTRAPORT zer0. Also available in antimicrobial.

<table>
<thead>
<tr>
<th>All ULTRAPORT stopcocks</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Are high-flow, four-way</td>
</tr>
<tr>
<td>• Have luer-activated ports and SPIN-LOCK® connectors</td>
</tr>
<tr>
<td>• Do not contain DEHP or natural rubber latex</td>
</tr>
<tr>
<td>• Single sideport priming volume: 0.15 mL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ULTRAPORT port and female luer lock port. Priming volume: 0.5 mL. Composed of lipid-resistant material.</th>
</tr>
</thead>
<tbody>
<tr>
<td>456501 - ULTRAPORT port and female luer lock port. Priming volume: 0.5 mL. Composed of lipid-resistant material.</td>
</tr>
<tr>
<td>458501 - Antimicrobial version of the above ULTRAPORT stopcock. Lavender handle. NOT lipid resistant.</td>
</tr>
<tr>
<td>457501 - ULTRAPORT zer0 version of the above stopcock. Yellow-green handle. Composed of lipid-resistant material.</td>
</tr>
<tr>
<td>459501 - Antimicrobial version of the above ULTRAPORT zer0 stopcock. Light blue handle. NOT lipid resistant.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Two ULTRAPORT ports. Priming volume: 0.5 mL. Composed of lipid-resistant material.</th>
</tr>
</thead>
<tbody>
<tr>
<td>456502 - Two ULTRAPORT ports. Priming volume: 0.5 mL. Composed of lipid-resistant material.</td>
</tr>
<tr>
<td>458502 - Antimicrobial version of the above ULTRAPORT stopcock. Lavender handle. NOT lipid resistant.</td>
</tr>
<tr>
<td>457502 - ULTRAPORT zer0 version of the above stopcock. Yellow-green handle. Composed of lipid-resistant material.</td>
</tr>
<tr>
<td>459502 - Antimicrobial version of the above ULTRAPORT zer0 stopcock. Light blue handle. NOT lipid resistant.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Two-gang, two ULTRAPORT ports, female luer lock port. Composed of lipid-resistant material. Manifold priming volume: 0.8 mL, Length: 3 in. (7.6 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>456202 - Two-gang, two ULTRAPORT ports, female luer lock port. Composed of lipid-resistant material. Manifold priming volume: 0.8 mL, Length: 3 in. (7.6 cm)</td>
</tr>
<tr>
<td>458202 - Antimicrobial version of the above ULTRAPORT stopcock. Lavender handle. NOT lipid resistant.</td>
</tr>
<tr>
<td>457202 - ULTRAPORT zer0 version of the above stopcock. Yellow-green handle. Composed of lipid-resistant material.</td>
</tr>
<tr>
<td>459202 - Antimicrobial version of the above ULTRAPORT zer0 stopcock. Light blue handle. NOT lipid resistant.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Three-gang, three ULTRAPORT ports, female luer lock port. Composed of lipid-resistant material. Manifold priming volume: 1.3 mL, Length: 4 in. (10.2 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>456302 - Three-gang, three ULTRAPORT ports, female luer lock port. Composed of lipid-resistant material. Manifold priming volume: 1.3 mL, Length: 4 in. (10.2 cm)</td>
</tr>
<tr>
<td>458302 - Antimicrobial version of the above ULTRAPORT stopcock. Lavender handle. NOT lipid resistant.</td>
</tr>
<tr>
<td>457302 - ULTRAPORT zer0 version of the above stopcock. Yellow-green handle. Composed of lipid-resistant material.</td>
</tr>
<tr>
<td>459302 - Antimicrobial version of the above ULTRAPORT zer0 stopcock. Light blue handle. NOT lipid resistant.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Four-gang, four ULTRAPORT ports, female luer lock port. Composed of lipid-resistant material. Manifold priming volume: 1.7 mL, Length: 5 in. (12.7 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>456402 - Four-gang, four ULTRAPORT ports, female luer lock port. Composed of lipid-resistant material. Manifold priming volume: 1.7 mL, Length: 5 in. (12.7 cm)</td>
</tr>
<tr>
<td>457402 - ULTRAPORT zer0 version of the above stopcock. Yellow-green handle. Composed of lipid-resistant material.</td>
</tr>
</tbody>
</table>
Manifolds

Use two and three port normally closed valve manifolds for maximum fluid and drug delivery efficiency in the Operating Room. Confidently maintain drug dosing integrity when administering multiple drugs with backcheck valves in each port.

- Have normally closed needle-free low profile valves for injection only
- Have SPIN-LOCK® connectors
- Do not contain DEHP or natural rubber latex

- **472080** Dual Valve Manifold. Priming volume: 1.0 mL. 50 per case
- **472093** Triple Valve Manifold. Priming Volume: 1.2 mL. 100 per case
- **472090** Triple Valve Manifold with proximal backcheck valve. Priming Volume: 2.0 mL. Length: 7 in. (17.9 cm) 100 per case

Anesthesia Accessories

- Have SPIN-LOCK connectors
- Do not contain DEHP or natural rubber latex

- **472026** Tri-Connector with two SAFSITE® Valves. Priming volume: 1.2 mL. 50 per case
- **472056** Tri-Connector with two normally closed needle-free valves (for injection only). Priming volume: 1.2 mL. 50 per case
Anesthesia Extension Sets

Stopcock Extension Sets

Reduce preparation time and the number of delivery set changes with preassembled extension sets. Stopcocks simplify fluid path control during fluid or drug administration and are available attached to a variety of tubing configurations to fit current practices.

Stopcock Extension Sets

- Have port covers
- Have SPIN-LOCK® connectors
- Do not contain natural rubber latex

454320 Four-way stopcock, two luer lock ports. Contains no DEHP. Priming volume: 1.4 mL. Length: 14 in. (36 cm)

456025 Four-way stopcock, two female luer lock ports. Priming volume: 1.8 mL. Length: 22 in. (55.9 cm)

456030 Same components as above. Priming volume: 5.5 mL. Length: 35 in. (88.9 cm)

473054 Three four-way stopcocks, four female luer lock ports. Contains no DEHP. Priming volume: 6 mL. Length: 47 in. (119 cm)

473547 Three-way anesthesia stopcock with injection site, two female luer lock ports. Contains no DEHP. Priming Volume: 3 mL. Length: 22 in. (56 cm)

473549 Same components as above. Contains no DEHP. Priming Volume: 5 mL. Length: 37 in. (94 cm)

473541 Four-way high-flow stopcock, two female luer lock ports. Contains no DEHP. Priming Volume: 3.5 mL. Length: 22 in. (56 cm)

473543 Same components as above. Contains no DEHP. Priming Volume: 5.9 mL. Length: 37 in. (94 cm)
Add an ULTRAPORT or ULTRAPORT zer0 extension set to any procedure, saving preparation time and incorporating infection control benefits of a swabbable closed system. Add a six inch extension set to transfer with patient reducing catheter displacement during delivery set changes.

**ULTRAPORT Stopcock and ULTRAPORT zer0 Extension Sets**
- Have ULTRAPORT or ULTRAPORT zer0 High-Flow four-way stopcocks
- SPIN-LOCK® connectors
- Do not contain DEHP or natural rubber latex

**456507** ULTRAPORT port and female luer lock port. Priming volume: 1.5 mL. Length: 10 in. (25 cm) 100 per case

**457507** ULTRAPORT zer0 version of the above extension set. Yellow-green handle. 100 per case

**456503** ULTRAPORT port and female luer lock port, removable 6 in. (15.2 cm) extension tubing, slide clamp. Priming volume: 4.56 mL. Length: 29 in. (73.7 cm) 50 per case

**457503** ULTRAPORT zer0 version of the above extension set. Yellow-green handle. 50 per case

**456508** Same components as above. Priming volume: 6.45 mL. Length: 43 in. (109.2 cm) 50 per case

**456505** ULTRAPORT port and female luer lock port, ULTRASITE® injection site, removable 6 in. (15.2 cm) extension tubing, slide clamp. Priming volume: 6.25 mL. Length: 42 in. (107 cm) 100 per case
Design Options®
Stopcock Extension Sets

Standard product offerings not quite meet your need? Take a look at these popular custom designs for example. Let B. Braun show you how to take advantage of an existing custom design for faster delivery of a unique anesthesia delivery product. Contact your B. Braun Representative to find out how to order one of these designs or the many ways a new custom set can benefit your facility.

Stopcock Extension Sets
- Have ULTRASITE® needle-free injection sites
- SPIN-LOCK® connectors
- Do not contain DEHP or natural rubber latex
- High-flow, 4-way stopcocks

490046 Stopcock with pinch clamp and injection site. Priming volume: 5.3 mL. Length: 38 in. (96.5 cm)  50 per case

490048 Stopcock with two injection sites and slide clamp. Priming volume: 5.3 mL. Length: 43 in. (109.2 cm)  50 per case

ULTRAPORT™ Stopcock Extension Set

490068 Two-gang ULTRAPORT™ stopcocks, injection site, removable 6 in. (15.2 cm) extension tubing with luer lock connector, slide clamp. Priming volume: 7.9 mL. Length: 47 in. (119.4 cm)  50 per case
Reduce inventory in your storeroom and keep the versatility needed for varying procedures with normally closed manifold extension sets featuring a stopcock ideal for flushing and aspiration.

### Design Options®

**Manifold Extension Set**

Add an element of safety and convenience when you combine other components such as ULTRASITE® needle-free valves and extension tubing to the normally closed manifold. Take advantage of an existing custom design for faster delivery of a unique anesthesia delivery set. Contact your B. Braun Representative to find out how to order one of these designs or a new custom set that can benefit your facility.

**Manifold Extension Sets**

- Have dual normally closed needle-free low profile valves for injection only
- SPIN-LOCK® connectors
- Do not contain DEHP or natural rubber latex

---

**472036** With four-way stopcock. Priming Volume: 6.8 mL Length: 41 in. (104 cm) 50 per case

**472038** With in-line backcheck valve and four-way stopcock. Priming Volume: 8.0 mL Length: 42 in. (106.7 cm) 50 per case

---

**490047** Backcheck valve, normally closed dual manifold, slide clamp, ULTRASITE injection site, removable 6 in. (15.2 cm) extension tubing. Priming Volume: 6.8 mL Length: 41 in. (104 cm) 50 per case
Anesthesia Delivery Sets
Stopcock Anesthesia Sets

Reduce risk of fluid path contamination and preparation time with a full Anesthesia IV Delivery Set. Remove from package, spike the IV container, and you are ready to go. Choose from a variety of configurations with multiple injection sites and stopcocks to meet your needs.

Anesthesia Delivery Sets
- Have detachable four-way stopcocks
- Have roller clamps and SPIN-LOCK® connectors
- Do not contain natural rubber latex

351450 (10 drops/mL) Non-vented spike, two Y-sites, two-gang stopcocks.
Primed volume: 19.0 mL. Length: 120 in. (304.8 cm) 50 per case

351510 (15 drops/mL) Universal spike, Y-site, luer lock connection, stopcock with 40 in. extension tubing.
Contains no DEHP. Priming volume: 19.0 mL. Length: 111 in. (282 cm) 50 per case

V1282A (15 drops/mL) Universal spike, backcheck valve, three Y-sites, two slide clamps, two-gang stopcocks.
Contains no DEHP. Priming Volume: 21 mL, Length: 128 in. (325 cm) 50 per case

V1283A (15 drops/mL) Universal spike, backcheck valve, three Y-sites, two slide clamps, three-gang stopcocks.
Contains no DEHP. Priming Volume: 21 mL, Length: 126 in. (320 cm) 50 per case
ULTRAPORT™ and ULTRAPORT zer0

Luer-Activated Needle-Free Stopcock Anesthesia Sets

Use an ULTRAPORT or ULTRAPORT zer0 Anesthesia IV Delivery Set and transfer one of these swabable closed system sets with the patient to reduce risk of infection, set changes, and storeroom inventory levels.

Luer-Activated Needle-Free Anesthesia Sets

- Each has a universal spike, backcheck valve, two ULTRASITE® Y-sites, roller clamp, female luer lock ports, removable 6 in. extension tubing, slide clamp, and SPIN-LOCK® connector
- Have high-flow four-way stopcocks
- Do not contain DEHP or natural rubber latex

456506 (15 drops/mL) Removable stopcock with luer-activated ULTRAPORT port. Priming volume: 23 mL. Length: 131 in. (333 cm)
50 per case

457506 ULTRAPORT zer0 version of the above anesthesia set. Yellow-green handle.
50 per case

456504 (15 drops/mL) Two removable stopcocks with luer-activated ULTRAPORT port. Priming volume: 24 mL. Length: 130 in. (330 cm)
50 per case

457504 ULTRAPORT zer0 version of the above anesthesia set. Yellow-green handles.
50 per case
Design Options®
Stopcock Anesthesia Sets

Add to your order one of these Anesthesia IV delivery sets for the benefit of a custom design without the wait. Contact your B. Braun Representative to find out how to order one of these designs or the many ways a new custom set can benefit your facility.

Stopcock Anesthesia Sets
- Have roller clamps and SPIN-LOCK® connectors
- Have four-way stopcocks
- Do not contain DEHP or natural rubber latex

490015 (15 drops/mL) Universal spike, backcheck valve, two ULTRASITE® injection sites, stopcock.
Priming volume: 22 mL. Length: 111 in. (282 cm)

50 per case

490020 (15 drops/mL) Universal spike, backcheck valve, three ULTRASITE injection sites, two gang stopcocks, two slide clamps. Priming volume: 25 mL. Length: 129 in. (327.66 cm)

50 per case

490027 (15 drops/mL) Universal spike, backcheck valve, three ULTRASITE injection sites, three slide clamps, detachable set with three-gang stopcocks, removable 6 in. extension set. Priming volume: 21 mL. Length: 130 in. (330.2 cm)

24 per case

ULTRAPORT™ Stopcock Anesthesia Sets

490089 (15 drops/mL) Universal spike, backcheck valve, three ULTRASITE injection sites, three slide clamps, three-gang ULTRAPORT high-flow stopcocks, removable 6 in. extension set. Priming volume: 22 mL. Length: 115 in. (292 cm)

50 per case

490069 (10 drops/mL) Non-vented spike Y-type blood set, 170 micron blood filter, hand pump, four SafeLine® injection sites, detachable two-gang ULTRAPORT high-flow stopcocks, three roller clamps, two slide clamps. Priming volume: 76 mL. Length: 128 in. (325 cm)

50 per case
Manifold Anesthesia Delivery Sets

Save money and reduce number of vendors with preassembled Anesthesia sets containing all the components you need. Additional convenience and savings found with removable manifolds and stopcocks allowing the set to transfer with the patient.

Manifold Delivery Sets
- Each has a backcheck valve, roller clamp, and SPIN-LOCK® connector
- Have normally closed needle-free low profile valves for injection only

352393 (15 drops/mL) Universal spike, two ULTRASITE® injection sites, two slide clamps, dual valve manifold, four-way stopcock, detachable extension set. Contains no DEHP. Priming Volume: 21 mL, Length: 119 in. (302 cm)

US1275A (15 drops/mL) Universal spike, three ULTRASITE injection sites, two slide clamps, removable four-way stopcock and dual valve manifold, detachable extension set. Contains no DEHP. Priming Volume: 21 mL, Length: 128 in. (325 cm)

352415 (15 drops/mL) Universal spike, two ULTRASITE injection sites, two slide clamps, dual valve manifold. Contains no DEHP. Priming Volume: 21 mL, Length: 120 in. (304.8 cm)

NF1270A (15 drops/mL) Universal spike, three SafeLine® injection sites, two slide clamps, removable four-way stopcock and dual valve manifold, detachable extension set. Contains no DEHP. Priming Volume: 22 mL, Length: 126 in (320 cm)

352019 (10 drops/mL) Non-vented spike, two injection sites, four-way stopcock, dual valve manifold. Priming volume: 19 mL, Length: 120 in. (302.3 cm)

352088 (10 drops/mL) Non-vented spike, two Y-sites, detachable extension set, four-way stopcock, dual valve manifold. Priming volume: 20 mL Length: 120 in. (305 cm)

352020 (10 drops/mL) Non-vented spike, two Y-sites, detachable extension set with two dual valve manifolds, detachable 49 in. extension set. Priming volume: 20.0 mL Length: 118 in. (300 cm)
Manifold Anesthesia Sets

Simple one-handed induction is even more convenient with a custom design ideal for pediatric or adult applications. Contact your B.Braun Representative to find out how to order one of these designs or a new custom set that can benefit your facility.

**Manifold Anesthesia Sets**
- Each has a universal spike, backcheck valve, two ULTRASITE® injection sites, roller clamp, dual normally closed needle-free low profile valves for injection only and SPIN-LOCK® connector
- Do not contain DEHP or natural rubber latex

---

**352394** (60 drops/mL) Two slide clamps, dual valve manifold, four-way stopcock. Priming Volume: 23 mL, Length: 119 in. (302.26 cm) 50 per case

---

**490057** (15 drops/mL) Detachable ULTRAPORT™ high-flow four-way stopcock and dual valve manifold, removable 6 in. extension set with slide clamp. Priming Volume: 23 mL, Length: 135 in. (343 cm) 50 per case

---

**352416** (60 drops/mL) Two slide clamps, dual valve manifold. Priming Volume: 21 mL, Length: 119 in. (302.26 cm) 50 per case
B. Braun's Design Options program will help you deliver quality patient care by providing you with what you need, where and when you need it. Streamline your practice and ordering process while delivering patient safety by minimizing exposure to infection-causing contaminates with preassembled sets.

Customize your set using a variety of components in these categories:

- **Components for designing custom sets using typical burette set components.**

  - **15 drop/mL Universal Spike**
  - **170 micron Blood Filter**
  - **Normally Closed 3-Port Manifold**
  - **3-way Stopcock Injection Site**
  - **4-way High Flow Stopcock SPIN-LOCK® Antimicrobial version also available**
  - **ULTRAPORT™ 4-way High Flow Stopcock Male Luer Slip Antimicrobial and ULTRAPORT zer0 versions also available**
  - **ULTRAPORT Dual Port 4-way High Flow Stopcock SPIN-LOCK Antimicrobial and ULTRAPORT zer0 versions also available**
Contact your B. Braun representative to customize your IV set configuration using a wide selection of B. Braun components.

Refer to the Design Options® catalog (IV01–A) for our full list of components.

![Diagram of various components](image)

**Components for designing custom sets using typical anesthesia blood administration set components.**

**Tubing Options**

Tubing which does not contain DEHP is also available.

*Note: Tubing for illustration only, not to scale.*

![Tubing options](image)

**Also available: ULTRABLOCK® Tubing**

ULTRABLOCK tubing helps protect light sensitive IV fluids from UV exposure and its potential harmful effects. By blocking over 90% of UV light at any wavelength between 220–450nm, the UV resistant tubing helps to minimize decomposition of the active ingredient in the IV fluid, maximizing the full benefit of the drug for the patient.
To order or for more product information, contact your B. Braun representative or call Customer Service at 1–800–227–2862.