



## IV Extension Sets

September 2024



# About DirectMed

DirectMed, Inc, was founded in 1997 as a source for a wide selection of high-quality components for medical devices. Since then, we have expanded our capabilities to offer full customization on any of our standard OEM components. Since 2018, we have been offering a full line of private-label devices for fluid management.

Our excellence in customer service, competitive pricing, and timely delivery are key to our continuing mission to provide the best possible quality on time, every time.

We maintain a wide stock of components and work with our manufacturing partners from around the world to source every possible option, OEM or fully custom-made. Our team will liaise with your product engineers from concept to prototypes to full production. We aim to minimize risk and add efficiency to the supply chain model from idea to market with our customized solutions and logistics support.

Whether you are seeking a source for OEM components or a complete, ready-to-use device, we can help you in the following key areas:

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## Supply Chain

We work with our contract manufacturing partners to optimize supply chain management. This ensures we can take the device from start to market in one comprehensive and efficient project path.

## Fulfillment

Our manufacturing partners' facilities create and deliver millions of units every year. Each unit is tailored exactly to customer specifications including the product itself, packaging, and delivery schedule.

## Proactive Troubleshooting

Our team's 25+ years in design and development allow us to identify hurdles associated with your project **in advance**. Predicting upcoming issues with production before they happen prevents delays in getting your product to market.

## Partnership

We believe that being your supplier means being a part of your team. This also allows you to focus on what you do well and leave the manufacturing oversight to an experienced partner like us who has relationships with our key vendors developed over 25 years. Our manufacturing partners' facilities are ISO 13485 and ISO 9001 certified. Our products can be sterilized using a number of different methods.



# About DirectMed

## DirectMed Location

DirectMed, Inc. global headquarters is located at:

**98 Pratt Oval, Glen Cove, NY 11542 USA**

The facility is home to our extensive warehouse facility and the core of our logistics, sales, and customer service teams. If you need assistance in your native language, you may contact us in English, French, German, Spanish, or Italian.

**[sales@directmed.com](mailto:sales@directmed.com)**

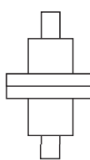
**+1 (516) 656-3377**



**DirectMed.com**



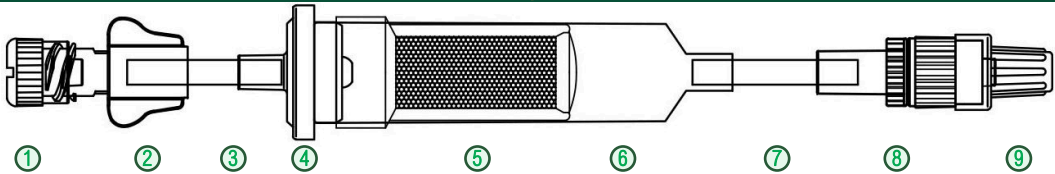
# Available Parts - Build Your Custom Set



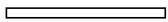



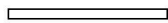
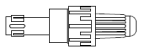

|   |   |   |   |   |
|---|---|---|---|---|
| Cap for Male Luer   | Cap for Female Luer   | T Connector with Rotating MLL   | Y Connector - Bifurcated  | Y Connector - Trifurcated   |
|    |    |    |    |    |
| Check Valve - Inline  | Check Valve with MLL  | Check Valve - MLL to FLL  | Drip Chamber  | Drip Chamber Cover  |
|    |    |    |    |    |
| Filter - Inline IV  | Filter - Tubular  | Flow Regulator  | Neutral Needleless Injection Site   | Neutral Needleless Y Injection Site   |
|   |   |   |   |   |
| Y Injection Site - Dual Access  | Y Injection Site - Standard   | Luer - Female   | Female Luer Lock  | Male Luer Lock  |
|  |  |  |  |  |
| Rotating Male Luer Lock   | Clamp - Pinch   | Clamp - Roller  | Clamp - Slide   | Clamp - Open Slide  |
|  |  |  |  |  |
| IV Spike - Vented   | Stopcock - 3 Way  | Stopcock - 4 Way  | Syringe   | Tubing  |
|  |  |  |  |  |



## DM-102

6" Macrobore Extension Set with Needle-Free Connector, Eto Sterilized








| NUMBER | DESCRIPTION   | ITEM   |
|--------|---|--|
| 1      | Female Luer Cap - Non-Vented                                    |   |
| 2      | Female Luer Lock / 4.1 mm ID                                    |   |
| 3      | PVC Clear Tubing HT/3 - 3.0 mm ID x 4.1 mm OD x 2.70 cm Length  |   |
| 4      | Drip Chamber Cover / 20 Drop                                    |   |
| 5      | Tubular Filter / 150 µm   |   |
| 6      | Drip Chamber - Non-Vented / 4.1 mm ID                           |   |
| 7      | PVC Clear Tubing HT/4 - 2.60 mm ID x 4.1 mm OD x 3.30 cm Length |   |
| 8      | Male Luer Lock - Rotating / 4.1 mm ID                           |   |
| 9      | Male Luer Cap - Vented  |  |
| -      | Cyclohexanone   |  |

## DM-103

6" Minibore Extension Set with Needle-Free Connector, 0.60mL Priming Volume, Eto Sterilized

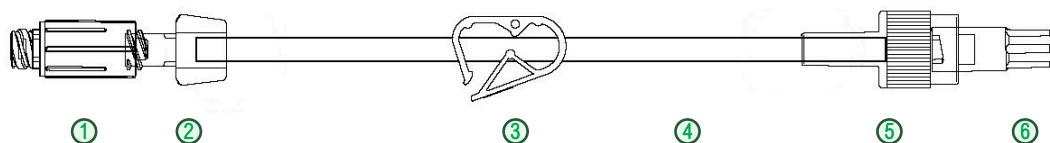


| NUMBER | DESCRIPTION  | ITEM  |
|--------|--|---|
| 1      | Neutral Needleless Injection Site with Male Luer Lock        |  |
| 2      | Female Luer / 2.5 mm ID                                      |  |
| 3      | PVC Tubing HT/4 - 0.50 mm ID x 2.50 mm OD x 15 cm Length     |  |
| 4      | Slide Tubing Clamp / Mini / White                            |  |
| 5      | Male Luer - Rotating, with Slide-Off Hub and Cap / 2.5 mm ID |  |
| -      | Cyclohexanone  |   |
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**DM-104**

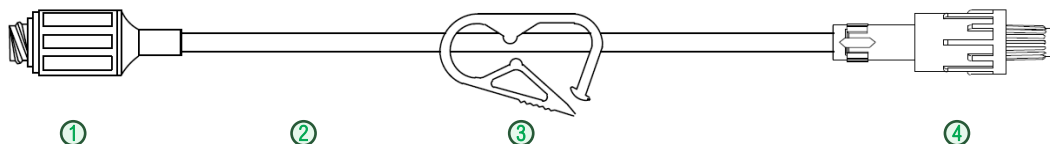
6" Macrobores Extension Set, 1.20 mL Priming Volume, Eto Sterilized



| NUMBER | DESCRIPTION  | ITEM |
|--------|--|------|
| 1      | Neutral Needleless Injection Site with Male Luer Lock          |      |
| 2      | Female Luer Lock / 4.1 mm OD                                   |      |
| 3      | Pinch Tubing Clamp / Mini / Purple                             |      |
| 4      | PVC Clear Tubing HT/4 - 2.60 mm ID x 4.1 mm OD x 105 mm Length |      |
| 5      | Male Luer / 4.1 mm ID  |      |
| 6      | Male Luer Cap - Vented   |      |
| -      | Cyclohexanone  |      |
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**DM-105**

8" High Pressure Extension Set, 325 psi, Eto Sterilized

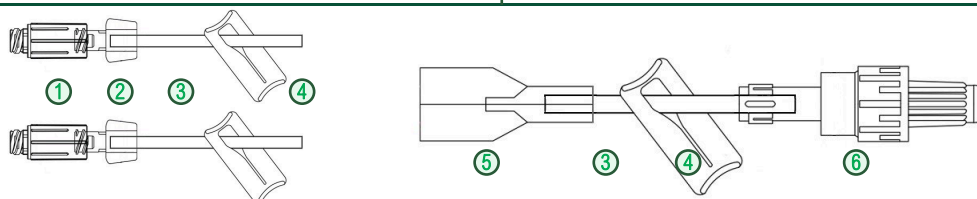


| NUMBER | DESCRIPTION   | ITEM |
|--------|---|------|
| 1      | Neutral Needleless Injection Site / 4.1 mm ID             |      |
| 2      | PVC Tubing HT/4 - 2.30 mm ID x 4.1 mm OD x 16.5 cm Length |      |
| 3      | Pinch Tubing Clamp / Mini / Purple                        |      |
| 4      | Male Luer - Rotating, with Cap / 4.1 mm ID                |      |
| -      | Cyclohexanone   |      |
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## DM-106

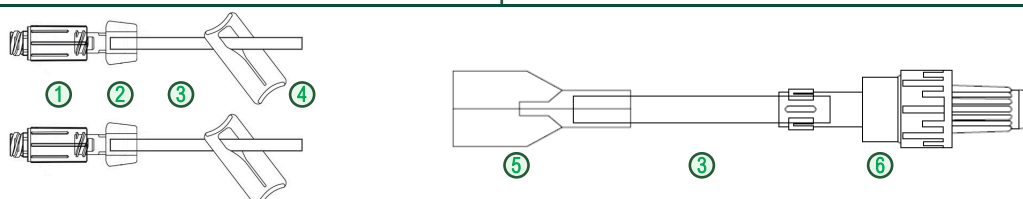
5" Minibore Bi-Fuse Extension Set, High-Pressure,  
0.60 mL Priming Volume, Eto Sterilized



| NUMBER | DESCRIPTION  | ITEM |
|--------|--|------|
| 1      | Neutral Needleless Injection Site with Male Luer Lock        |      |
| 2      | Female Luer / 2.1 mm ID                                      |      |
| 3      | PVC Tubing HT/4 - 0.50 mm ID x 2.50 mm OD x 4 cm Length      |      |
| 4      | Slide Tubing Clamp / Mini / White                            |      |
| 5      | Y Connector to Male Luer Slip / 2.4 mm ID                    |      |
| 6      | Male Luer - Rotating, with Slide-Off Hub and Cap / 2.5 mm ID |      |
| -      | Cyclohexanone  |      |
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## DM-107

5" Minibore Bi-Fuse Extension Set, High-Pressure,  
0.65 mL Priming Volume, Eto Sterilized

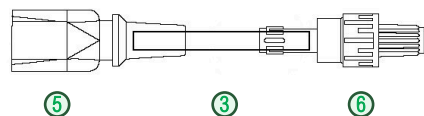
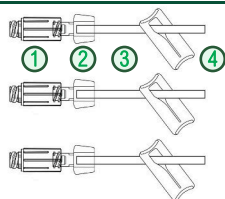


| NUMBER | DESCRIPTION  | ITEM |
|--------|--|------|
| 1      | Neutral Needleless Injection Site with Male Luer Lock        |      |
| 2      | Female Luer / 2.1 mm ID                                      |      |
| 3      | PVC Tubing HT/4 - 0.50 mm ID x 2.50 mm OD x 4 cm Length      |      |
| 4      | Slide Tubing Clamp / Mini / White                            |      |
| 5      | Y Connector to Male Luer Slip / 2.4 mm ID                    |      |
| 6      | Male Luer - Rotating, with Slide-Off Hub and Cap / 2.5 mm ID |      |
| -      | Cyclohexanone  |      |
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**DM-108**

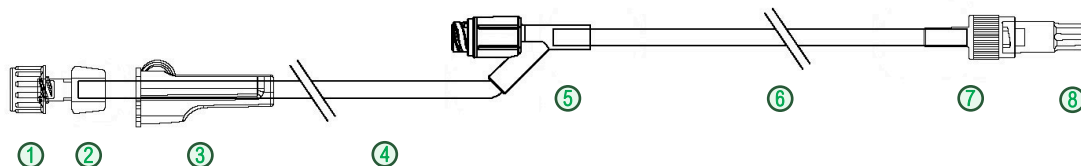
5" Minibore Tri-Fuse Extension Set, High-Pressure, 0.75 mL Priming Volume, Eto Sterilized



| NUMBER | DESCRIPTION  | ITEM |
|--------|--|------|
| 1      | Neutral Needleless Injection Site with Male Luer Lock        |      |
| 2      | Female Luer / 2.1 mm ID                                      |      |
| 3      | PVC Tubing HT/4 - 0.5 mm ID x 2.50 mm OD x 4 cm Length       |      |
| 4      | Slide Tubing Clamp / White                                   |      |
| 5      | Y Connector - Triple / 2.1 mm ID                             |      |
| 6      | Male Luer - Rotating, with Slide-Off Hub and Cap / 2.5 mm ID |      |
| -      | Cyclohexanone  |      |
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**DM-109**

18" Macrobore Extension Set, 23.50 mL Priming Volume, Eto Sterilized

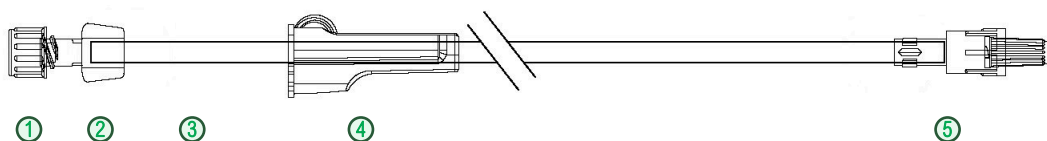


| NUMBER | DESCRIPTION   | ITEM |
|--------|---|------|
| 1      | Female Luer Cap - Vented                                  |      |
| 2      | Female Luer Lock / 4.1 mm ID                              |      |
| 3      | Roller Tubing Clamp / White                               |      |
| 4      | PVC Tubing HT/4 - 2.60 mm ID x 4.10 mm OD x 180 mm Length |      |
| 5      | Neutral Needleless Y Injection Site / 4.1 mm ID           |      |
| 6      | PVC Tubing HT/4 - 2.60 mm ID x 4.10 mm OD x 250 mm Length |      |
| 7      | Male Luer / 4.1 mm ID                                     |      |
| 8      | Male Luer Cap - Vented                                    |      |
| -      | Cyclohexanone   |      |
|        |   |      |



## DM-110

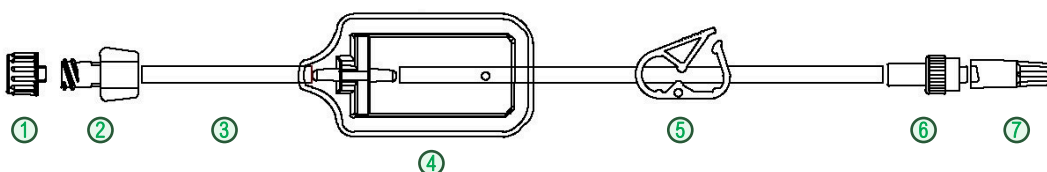
18" Macrobore Extension Set, 2.82 mL Priming Volume, Eto Sterilized



| NUMBER | DESCRIPTION   | ITEM |
|--------|---|------|
| 1      | Female Luer Cap - Vented                                |      |
| 2      | Female Luer Lock / 4.1 mm ID                            |      |
| 3      | Roller Tubing Clamp / White                             |      |
| 4      | PVC Tubing HT/4 - 2.60 mm ID x 4.1 mm OD x 43 cm Length |      |
| 5      | Male Luer - Rotating, with Cap / 4.1 mm ID              |      |
| -      | Cyclohexanone   |      |
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## DM-111

18" Macrobore Filtered Extension Set,  
Eto Sterilized

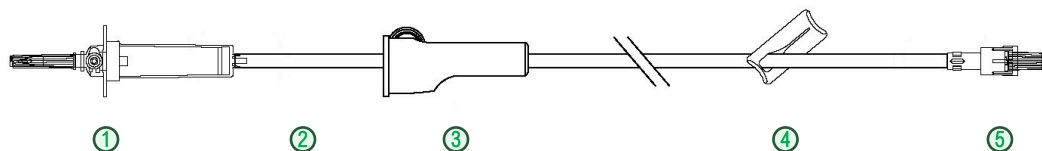


| NUMBER | DESCRIPTION   | ITEM |
|--------|---|------|
| 1      | Female Luer Cap - Vented                                |      |
| 2      | Female Luer Lock / 4.1 mm ID                            |      |
| 3      | PVC Tubing HT/4 - 2.60 mm ID x 4.1 mm OD x 21 cm Length |      |
| 4      | Inline IV Filter, 1.2 micron                            |      |
| 5      | Pinch Clamp / Mini / White                              |      |
| 6      | Male Luer / 4.1 mm ID                                   |      |
| 7      | Male Luer Cap - Vented                                  |      |
| -      | Cyclohexanone   |      |
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**DM-112**

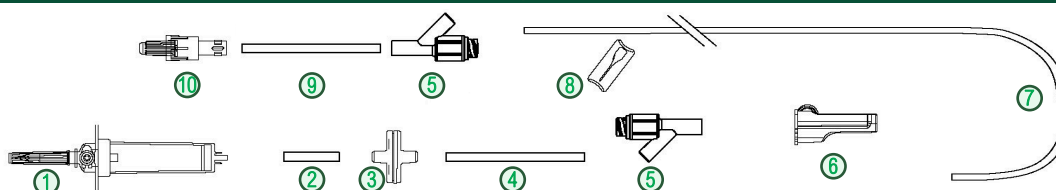
100" Macro bore Extension Set, 14 mL Priming Volume, Eto Sterilized



| NUMBER | DESCRIPTION  | ITEM |
|--------|--|------|
| 1      | Drip Chamber - Vented, with Cap and Air Filter / 20 Drop |      |
| 2      | PVC Tubing HT/4 - 2.60 mm ID x 4.1 mm OD x 250 cm Length |      |
| 3      | Roller Tubing Clamp / White, with Blue Wheel             |      |
| 4      | Slide Tubing Clamp / Blue                                |      |
| 5      | Male Luer - Rotating, with Cap / 4.1 mm ID               |      |
| -      | Cyclohexanone  |      |
|        |  |      |
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**DM-113**

18" Macro bore Extension Set, 23.50 mL Priming Volume, Eto Sterilized

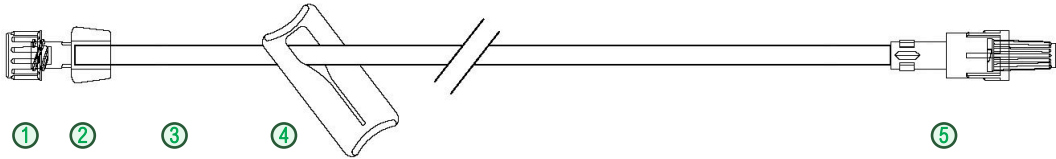


| NUMBER | DESCRIPTION  | ITEM |
|--------|--|------|
| 1      | Drip Chamber - Vented, with Cap and Air Filter / 20 Drop |      |
| 2      | PVC Tubing HT/4 - 2.60 mm ID x 4.1 mm OD x 5 cm Length   |      |
| 3      | Check Valve - Inline                                     |      |
| 4      | PVC Tubing HT/4 - 2.60 mm ID x 4.1 mm OD x 20 cm Length  |      |
| 5      | Neutral Needleless Y Injection Site / 4.1 mm ID          |      |
| 6      | Roller Tubing Clamp / White, with Blue Wheel             |      |
| 7      | PVC Tubing HT/4 - 2.60 mm ID x 4.1 mm OD x 230 cm Length |      |
| 8      | Slide Tubing Clamp / Blue                                |      |
| 9      | PVC Tubing HT/4 - 2.60 mm ID x 4.1 mm OD x 25 cm Length  |      |
| 10     | Male Luer - Rotating, with Cap / 4.1 mm ID               |      |
| -      | Cyclohexanone  |      |



## DM-114

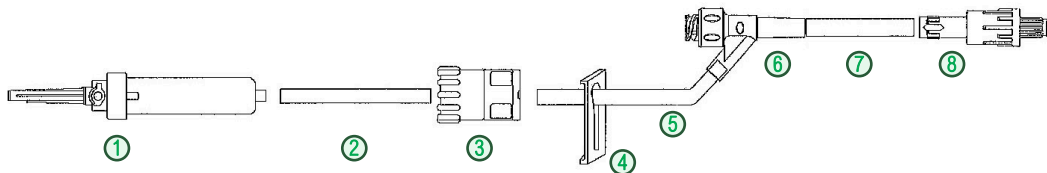
60" Macrobore Extension Set, 8.50 mL Priming Volume, Eto Sterilized



| NUMBER | DESCRIPTION  | ITEM |
|--------|--|------|
| 1      | Female Luer Cap - Vented                                 |      |
| 2      | Female Luer / 4.1 mm ID                                  |      |
| 3      | Slide Tubing Clamp / White                               |      |
| 4      | PVC Tubing HT/4 - 2.60 mm ID x 4.1 mm OD x 150 cm Length |      |
| 5      | Male Luer - Rotating, with Cap / 4.1 mm ID               |      |
| -      | Cyclohexanone  |      |
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## DM-115

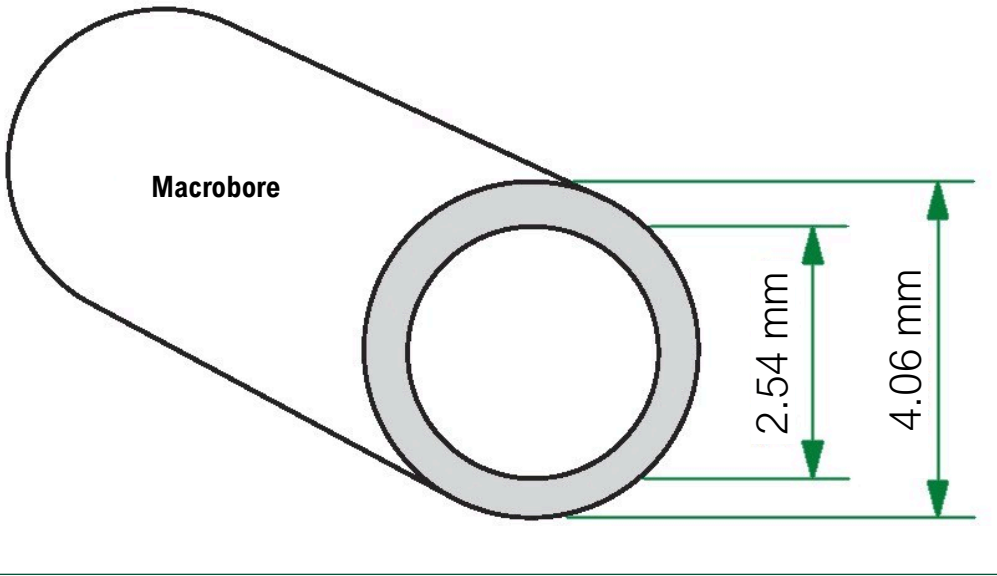
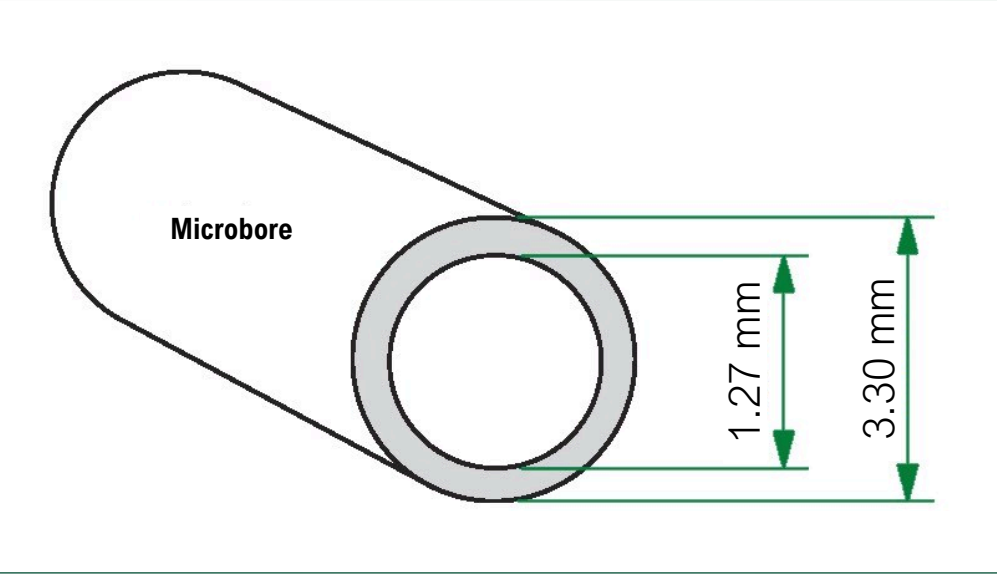
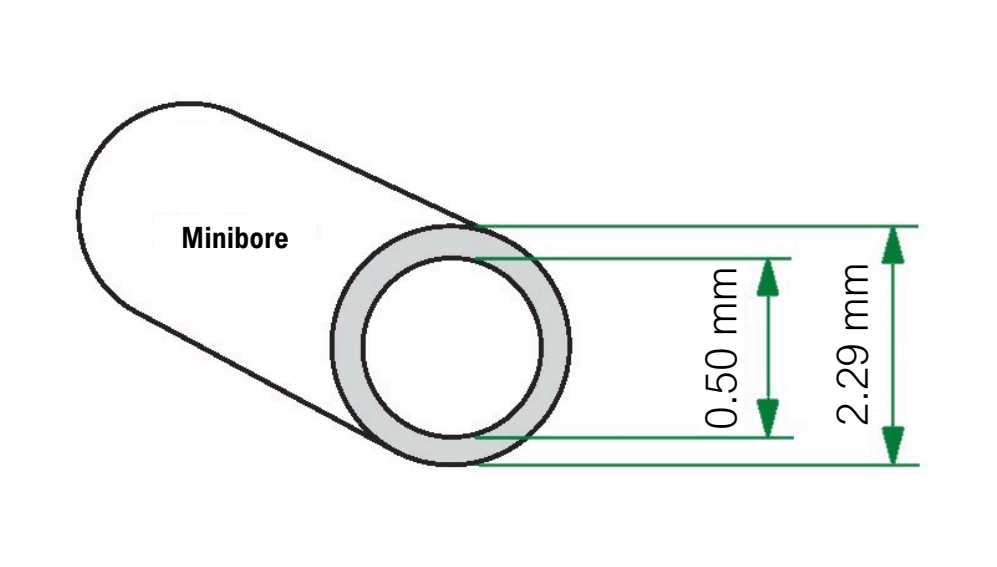
90" Macrobore Extension Set, 18 mL Priming Volume, Eto Sterilized



| NUMBER | DESCRIPTION  | ITEM |
|--------|--|------|
| 1      | Drip Chamber - Vented, with Cap and Air Filter / 20 Drop |      |
| 2      | PVC Tubing HT/4 - 2.60 mm ID x 4.10 mm OD x 55 cm        |      |
| 3      | Flow Regulator   |      |
| 4      | Slide Tubing Clamp / Blue                                |      |
| 5      | PVC Tubing HT/4 - 2.60 mm ID x 4.10 mm OD x 165 cm       |      |
| 6      | Y Injection Site   |      |
| 7      | PVC Tubing HT/4 - 2.60 mm ID x 4.10 mm OD x 15 cm        |      |
| 8      | Male Luer - Rotating, with Cap / 4.1 mm ID               |      |
| -      | Cyclohexanone  |      |
|        |  |      |

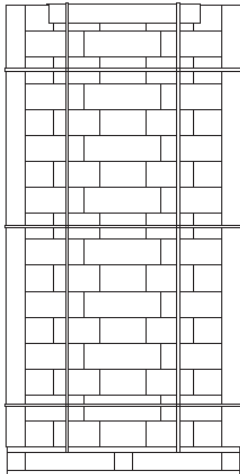
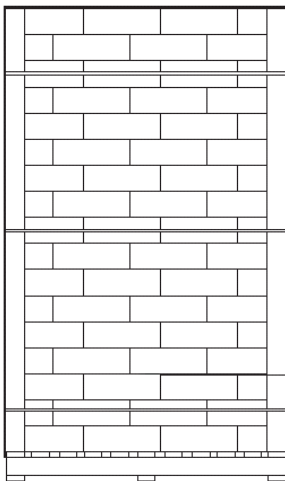
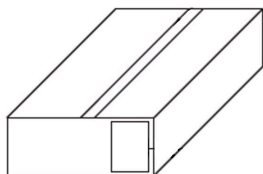
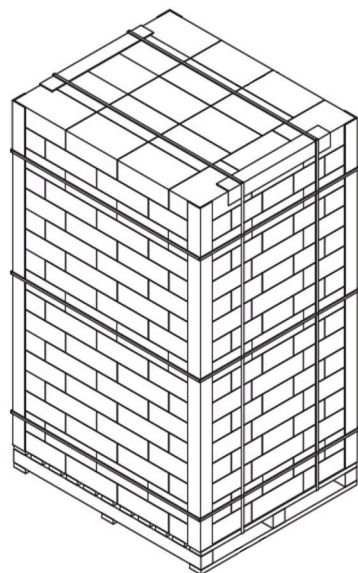


# Tubing Dimensions

|   |   |
|---|---|
|  <p>Macro-bore</p> <p>2.54 mm</p> <p>4.06 mm</p>  | <p><b>ID:</b><br/>0.10" / 2.54 mm</p> <p><b>OD:</b><br/>0.16" / 4.06 mm</p> <p><b>Tolerance:</b><br/>± 0.05 mm</p> <p><b>Durometer:</b><br/>Shore A 75 (±3 A)</p> |
|  <p>Micro-bore</p> <p>1.27 mm</p> <p>3.30 mm</p> | <p><b>ID:</b><br/>0.05" / 1.27 mm</p> <p><b>OD:</b><br/>0.13" / 3.30 mm</p> <p><b>Tolerance:</b><br/>± 0.03 mm</p> <p><b>Durometer:</b><br/>TBD</p>               |
|  <p>Mini-bore</p> <p>0.50 mm</p> <p>2.29 mm</p> | <p><b>ID:</b><br/>0.02" / 0.50 mm</p> <p><b>OD:</b><br/>0.09" / 2.29 mm</p> <p><b>Tolerance:</b><br/>± 0.03 mm</p> <p><b>Durometer:</b><br/>TBD</p>               |



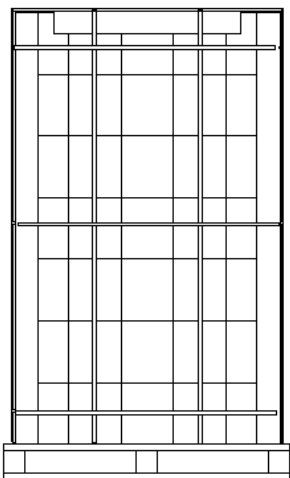
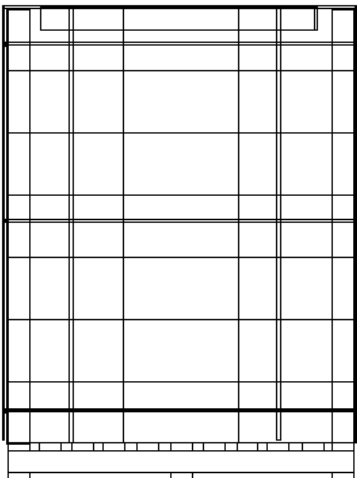
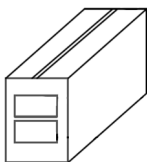
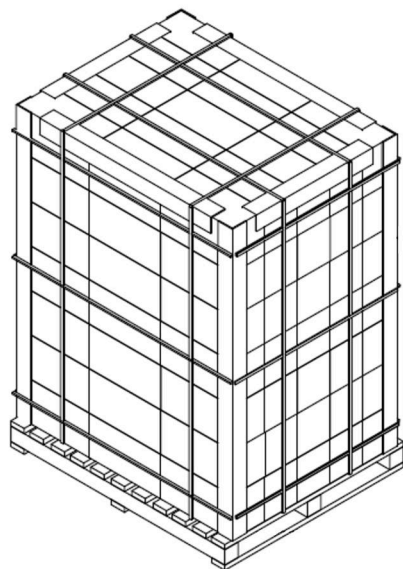
## 50 Each Per Box - Palletization Configuration



DM-102  
DM-112  
DM-113  
DM-114  
DM-115

|                   |           |
|-------------------|-----------|
| Units Per Box     | 50        |
| Boxes Per Pallet  | 105       |
| Units Per Pallet  | 10,500    |
| Box Configuration | 3 x 5 x 7 |

## 100 Each Per Box - Palletization Configuration



DM-103  
DM-104  
DM-105  
DM-106  
DM-107  
DM-108  
DM-109  
DM-110  
DM-111

|                   |           |
|-------------------|-----------|
| Units Per Box     | 50        |
| Boxes Per Pallet  | 105       |
| Units Per Pallet  | 10,500    |
| Box Configuration | 3 x 5 x 7 |



**DM-107 Administration Set-Female Luer Lock, 150 µm Filter w/ Male Luer Lock, Sterile**

**DirectMed**  
COMPONENTS AND MEDICAL DEVICES

**CAUTION:**

- Do not use if package is open or damaged.
- Do not store at extreme temperature and humidity.
- Store in cool & dry place.
- Discard after single use.

• Non - Pyrogenic  
• Sterile unless package is damaged.

**WARNINGS:**  
Re-use of this device may change its mechanical or biological features and may cause device failure, allergic reactions or infections.

DEHP Free

STERILE EO

2 STERILE

This product is not manufactured with natural rubber latex. Federal Law (U.S.) restricts this device to sale by or on the order of a registered physician.

UDI

REF

GTIN

LOT

AAAA-MM-DD

AAAA-MM-DD

DE92BMS Rev. 03

Manufactured For:  
DirectMed, Inc.  
98 Pratt Oval  
Glen Cove, NY 11542-USA  
[www.directmed.com](http://www.directmed.com)  
Ph: 516-656-3377

**DM-107**  
**Administration Set-Female Luer Lock, 150 µm Filter w/ Male Luer Lock, Sterile**

**DirectMed**  
COMPONENTS AND MEDICAL DEVICES

NON-PYROGENIC

STERILE EO

FOR SINGLE USE

USE IS RESTRICTED TO QUALIFIED MEDICAL PERSONAL

Manufactured For:  
DirectMed, Inc.  
98 Pratt Oval  
Glen Cove, NY 11542-USA  
[www.directmed.com](http://www.directmed.com)  
Ph: 516-656-3377

Assembled in Mexico

REF

DM-107

LOT

CC92 MAA

50 UNITS

Manufacturing Date

AAAA - MM -DD

Expiry Date

AAAA - MM -DD

Assembled in Mexico

UDI

(01) 10850038863026  
(10) CC92 MAA  
(11) AAAA-MM-DD  
(17) AAAA-MM-DD

DE92BMS.1 Rev.03





INSTRUCTIONS FOR USE

Administration Set  
Female Luer Lock, 150 Micron Filter w/Male Luer Lock

MATERIALS USED

PVC, Non-DEHP, Latex free, BPA free

INDICATIONS:

o To prepare and deliver small aliquots of whole blood, cellular (red cells and platelets) components, and fresh-frozen plasma transfusion.

DIRECTIONS:

o Use per hospital protocol.

CONTRAINDICATIONS:

o Product should not be used in patients with known hypersensitivity to any of the materials used.

SUGGESTED INSTRUCTIONS FOR USE:

- o Standard clinical or hospital protocol must be established and performed by persons trained in the procedure and knowledgeable of the inherent risks.
- o Inspect packing to ascertain that package is intact.
- o Remove the set from sterile packing while care must be taken to maintain product hygiene.
- o Check and secure ALL connections.
- o Prime the set and make sure all air has been expressed before administration to patient.

PRIMING:

o Open the clamp and escape air entirely through ENTIRE LENGTH of PVC TUBE SET.

TERM OF USE:

o Syringe blood aliquots (RBC's and plasma) must be administered to patient within 24 hours and syringe platelet aliquots within 4 hours.

WARNINGS

- o The FDA Federal Law (USA) restricts this device for sale by or on the order of a physician.
- o Standard clinical or hospital protocol must be established and performed by persons trained in the procedure and knowledgeable of the inherent risks.
- o If there is any change in expected performance of the device or in case of any malfunction the device should be immediately removed & sent back to Supplier/manufacturer for analysis.
- o For known/reported adverse events associated with use of this device, refer to the Complaint Report Form from DirectMed, Inc.
- o DIRECTMED, INC. DISCLAIMS ANY RESPONSIBILITY FOR POSSIBLE CONSEQUENCES RESULTING FROM IMPROPER USE OF THE DEVICE.
- o Any device that is connected to this product must comply with EN 20594-1 & ISO 594-2. Incorrect connection or lose connection may cause leaking or air getting into blood vessel.
- o The device is designed for single use only. Do not resterilize and/or reuse.
- o Visually inspect and carefully check the product and packaging before use. Improper transport and handling may cause structural and/or functional damage to device or packaging.
- o The product is guaranteed sterile & non-pyrogenic if the package has not been opened or damaged.
- o Single use device dispose the device after use, according to the local legislation.
- o Re-use of this device may change its mechanical or biological features and may cause device failure, allergic reactions or infections.

Manufactured For:  
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REF

DM-107

LOT

CC92 MAA



AAAA-MM-DD



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Do Not Reuse



Sterilized by Ethylene Oxide Gas



Caution, Consult Accompanying Documents



Consult Instructions for Use



Non-Pyrogenic



Do Not Use if Package is Damaged



Do Not resterilize



Keep away from sunlight

Non-DEHP

Not made with natural rubber latex

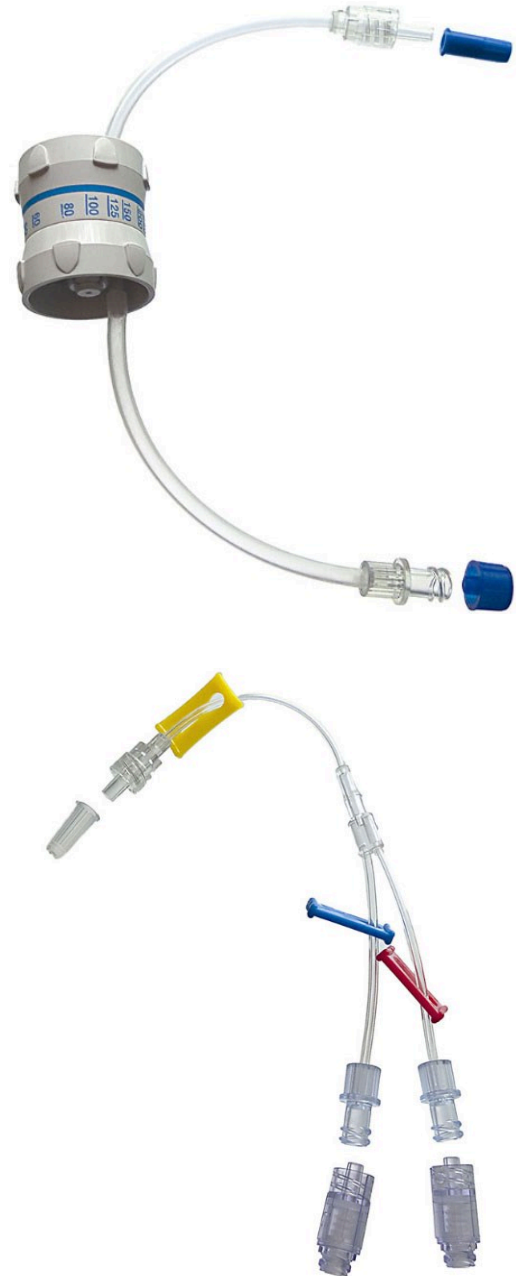
DE92BMS.2 Rev.01



At DirectMed, we are dedicated to providing our customers with the highest possible quality medical devices assembled in Mexico by our trusted manufacturing partners. We understand reliable and safe medical devices are paramount. This is why we guarantee that all products undergo a comprehensive series of tests to ensure the highest standards of safety and performance are being met. These include:

- **Cytotoxicity test**
- **Sensitization Test**
- **Irritation Test (Including Intracutaneous Reactivity)**
- **Acute Systemic Toxicity Test**
- **Material Mediated Pyrogenicity Test**
- **Hemocompatibility Test (Hemolysis Direct/Indirect Method)**
- **Subacute and Sub-Chronic Toxicity Tests**
- **Chemical Test**
- **Shelf-Life Testing**
- **Sterility Test**
- **Peel Test**
- **Leak Test**
- **Pull Test**

With these rigorous testing protocols for selected items, you can trust that our devices meet the highest safety standards.



## Contact Us to Customize Your Set Today