Sterile Compounding and IV Infusion Products

Kapsam

About Us

Since 2008, we design the future of IV workflow with our proven history and passion for continuous development in high-tech solutions. We are capable to offer turn-key solutions to our partners in automated pharmacy compounding and IV infusion fields, thanks to our advanced and dynamic manufacturing infrastructure and comprehensive portfolio.

We listen to you, understand your needs, and combine customer feedback with our cutting-edge technology to ensure clinical efficiency, patient & practitioner safety, and also environmental sustainability.

Quality Policy

We manufacture all of our products in full compliance with international quality standards and apply an uncompromising quality policy. Our facility is certified according to ISO 13485:2016 and ISO 9001:2015 quality management systems. Our medical devices are manufactured in compliance with EU Medical Device Regulation and are audited by notified body.

Contents

IV Solution / Pharmacy Compounding
Products

Thanks to our demonstrated history and continuous customer feedback in this specific field, we design innovative automation systems and safe disposables to provide an ideal compounding process for the benefit of your patients, operator and the environment.

We understand your needs and committed to help you overcome the difficulties in aseptic services with our wide range of solutions for hazardous and non-hazardous CSPs (TPN, IV Chemo and others) and to improve your workflow.

Multi-Ingredient / TPN Compounding Solutions

· Automated TPN Compounding System

Compounding of parenteral nutrition and similar multi-ingredient compounding is one of the most complicated and risky processes in the field of sterile drug preparation. KS-240, with its superior technological features, provides an ideal workflow in this critical area, ensuring high efficiency and patient safety.

Key Features

- Able to fill up to 24 different ingredients
- Very low volume of fluid transfer (min. 0.2 ml)
- Fast fluid transfer (max. 1400 ml/min)
- Built-in air bubble and occlusion sensors
- Audial and visual alerts

- Prevention of incompatible ingredient transfer
- Compact countertop design with a small footprint
- 12.1 inch touch screen with modern interface
- Source container and inlet labels with distinctive colors
- Wireless barcode verification and detailed reporting

(For more detailed information, you can visit www.kapsamsaglik.com.tr or review the related product catalogue.)

Multi-Ingredient / TPN Compounding Solutions
· Order Entry and Calculation Software

NUTRISoft

NutriSoft helps clinicians simplify and optimize the complex and time consuming TPN order entry and calculation process. Advanced integration, calculation, alerting and labeling features prevent drug incompatibility risks and prescribing errors.

Key Features

- Bidirectional interfacing with KS-240 ACD
- Communication with ACDs via .PAT formula file
- Integration with HIS/EHR through HL7, JSON or XML
- Single/multiple network user access
- Advanced searching and filtering tools
- Auto-calculation of ordered amounts
- Nutritional and ion-based assessment and summary
- Hard/soft stop based warning limits
- Customized order templates for each patient type
- Multiple ordering methods (/kg, /ml, %, etc.)
- Cyclic and standard infusion modes

- Batch production option
- Ion and salt-based ordering
- 2-in-1 and 3-in-1 based ordering
- Ca/PO4 precipitation risk assessment
- Pharmacist check and approval tool
- Authorisation levels for each user type
- Custom-designed pre/final bag labels
- Advanced reporting tools
- Tracking all user events with detailed LOG records
- Auto and user-defined database backup
- 24/7 remote clinical and technical support capability

(For more detailed information, you can visit www.kapsamsaglik.com.tr or review the related product catalogue.)

Multi-Ingredient / TPN Compounding Solutions

· Consumables
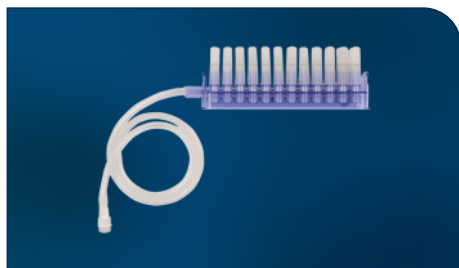
TPN Compounder Multiple Fluid Transfer Set Valve Set

- Used for combining all transfer inlets of TPN compounder and providing liquid transfer from transfer inlets through final container.
- Compatible with Kapsam KS-240 and Baxa/Baxter ExactaMix devices.

Product Code	Connection Type	Tubing Type	Prime Volume	Total Port Number	Qty/Box
KS-124	Big-bore MLL	Transparent Silicon	30 ml	24	10
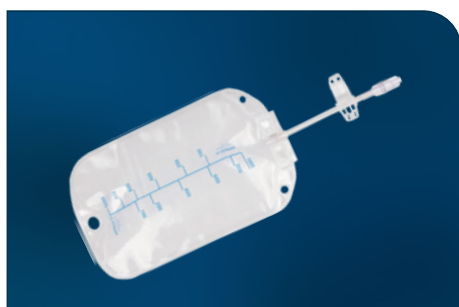
TPN Compounder Calibration/Flushing Eva Bags

- EVA (ethylene vinyl acetate) material.
- Used during compounder set-up process in order the waste liquids to be disposed into a container.
- Transparent type allows the solution to be checked visually.
- Available in 1000ml and 2000ml sizes.
- Included inside valve set box in single sterile package.
- Compatible with Kapsam KS-240 and Baxa/Baxter ExactaMix devices.

Product Code	Capacity	Connection Type	Main Material	Qty/Box
KS-124CB	1000 ml	Big-bore FLL port with a non-reopening clamp	Transparent EVA	10
KS-224CB	2000 ml			

TPN Compounder Non-Vented Inlet High-Volume

- Provides a safe non-vented fluid transfer from large-volume source containers such as collapsible bags or vented bottles.
- Compatible with Kapsam KS-240 and Baxa/Baxter ExactaMix devices.

Product Code	Connection Type	Tubing Type	Prime Volume	Qty/Box
KS-125	One-way Macro Spike – Push-on Connector	Transparent PVC	20 ml	50
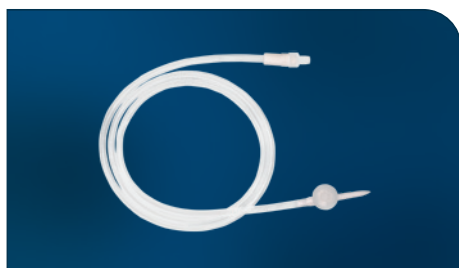
TPN Compounder Vented Inlet High-Volume

- Provides a safe vented fluid transfer from large-volume source containers such as non-vented glass bottles.
- Compatible with Kapsam KS-240 and Baxa/Baxter ExactaMix devices.

Product Code	Connection Type	Tubing Type	Prime Volume	Qty/Box
KS-126	Dual-way Macro Spike – Push-on Connector	Transparent PVC	20 ml	50

Multi-Ingredient / TPN Compounding Solutions

· Consumables

TPN Compounder Vented Inlet Low-Volume

- Provides a safe vented fluid transfer from micro-volume source containers such as vials. Can be used as non-vented if the ventilation cap is closed.
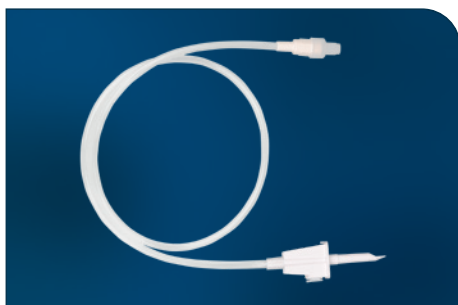- Compatible with Kapsam KS-240 and Baxa/Baxter ExactaMix devices.

Product Code	Connection Type	Tubing Type	Prime Volume	Qty/Box
KS-127	Micro Spike – Push-on Connector	Transparent PVC	3 ml	100

TPN Compounder Syringe Inlet Low-Volume

- Provides a safe fluid transfer from syringe type source containers.
- Compatible with Kapsam KS-240 and Baxa/Baxter ExactaMix devices.

Product Code	Connection Type	Tubing Type	Prime Volume	Qty/Box
KS-128	Female luer-lock (FLL) – Push-on Connector	Transparent PVC	3 ml	100

TPN Compounder Inlet with Large-Bore Spike Low-Volume

- Provides a safe micro-volume fluid transfer from large-volume source containers. It has a universal vented spike connector with a ventilation cap that allows vented/non-vented fluid transfer.
- Compatible with Kapsam KS-240 and Baxa/Baxter ExactaMix devices.

Product Code	Connection Type	Tubing Type	Prime Volume	Qty/Box
KS-129	Vented Macro Spike – Push-on Connector	Transparent PVC	3 ml	100
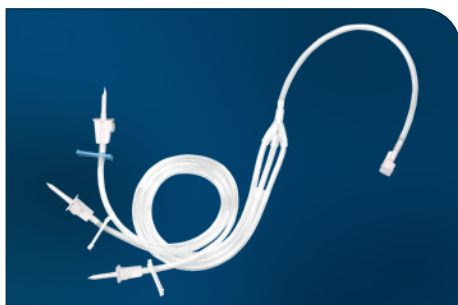
3-Way Gravity Filling Set

- Provides gravity fluid transfer from large-volume source containers with trifurcated inlet line and eliminates frequent fluid source changes. It has 90cm transparent large-bore (3.0mm x 4.1mm) DEHP-Free tubing, 3 dual-way macro spike connections with ventilation caps on one end and a big-bore male luer-lock connection on the opposite end for connecting with TPN EVA infusion bags.
- Both inlet lines have sliding clamp to stop fluid flow whenever needed.

Product Code	Connection Type	Tubing Type	Prime Volume	Qty/Box
KS-130	Big-bore Male Luer Lock – Vented Spike	Large Bore - Transparent	29.8 ml	15

Multi-Ingredient / TPN Compounding Solutions

· Consumables
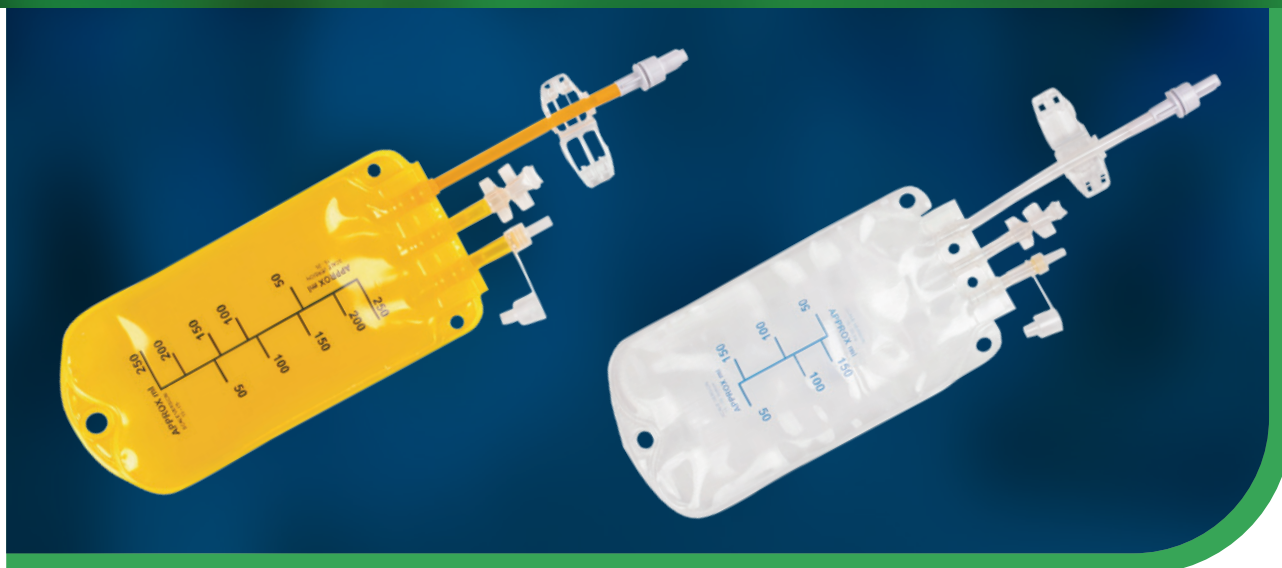
EVA IV Infusion Bags for TPN Solutions

- Contains PVC-free EVA (ethylene vinyl acetate) material. DEHP and Latex free (including ports).
- Used for large-volume sterile solutions mixing and infusion to the patient.
- Includes three ports with non-reopening clamp and safety cap.
- Available in all standard sizes from 150 to 4000 mL.
- Transparent type allows the solution to be checked visually. Light-protected type ensures UV light protection up to 95% for light-sensitive ingredients such as vitamins, lipids and oncology medications.
- Dual-chamber type is used for transferring additional ingredients (such as lipids) into a separate container to extend the beyond-use date (BUD) of TPN solution.
- Compatible with automated compounding devices (e.g. Kapsam KS-240 and Baxa/Baxter ExactaMix) and gravity/manual filling.

Product Code	Capacity	Chamber Type	Main Material	Connection Type	Qty/Box
KS-0015	150ml	Transparent EVA	Single Chamber	(1) Big-bore FLL port for automated/gravity filling (compounding port) (1) Twist-off port for spike connection (infusion port) (1) Injection port for manual additions (needle port)	100
KS-0025	250 ml				100
KS-0050	500ml				100
KS-0100	1000ml				100
KS-0200	2000ml				50
KS-0300	3000ml				50
KS-0400	4000ml				50
KS-1015	150ml	Light-Protected EVA			100
KS-1025	250 ml				100
KS-1050	500ml				100
KS-1100	1000ml				100
KS-1200	2000ml				50
KS-1300	3000ml				50
KS-1400	4000ml				50
KS-0100DC	1000+250ml	Transparent EVA	Dual Chamber	(2) Big-bore FLL port for automated/gravity filling (compounding port) (2) Twist-off port for spike connection (infusion port) (1) Injection port for manual additions (needle port)	100
KS-0300DC	3000+500ml				50
KS-1100DC	1000+250ml	Light-Protected EVA			100
KS-1300DC	3000+500ml				50

IV Chemotherapy Compounding Solutions
· Automated IV Chemotherapy Compounding System

PharmaScope Onco

PharmaScope Onco KS-340 provides a cost-effective and innovative solution for patient safety in the IV chemotherapy drug compounding process, providing dose accuracy and protecting operators and the environment from the adverse effects of hazardous drugs. Automatizes the labelling, pre-filling, reconstituting, shaking, drug transferring and waste management processes of the hazardous sterile drug compounding workflow.
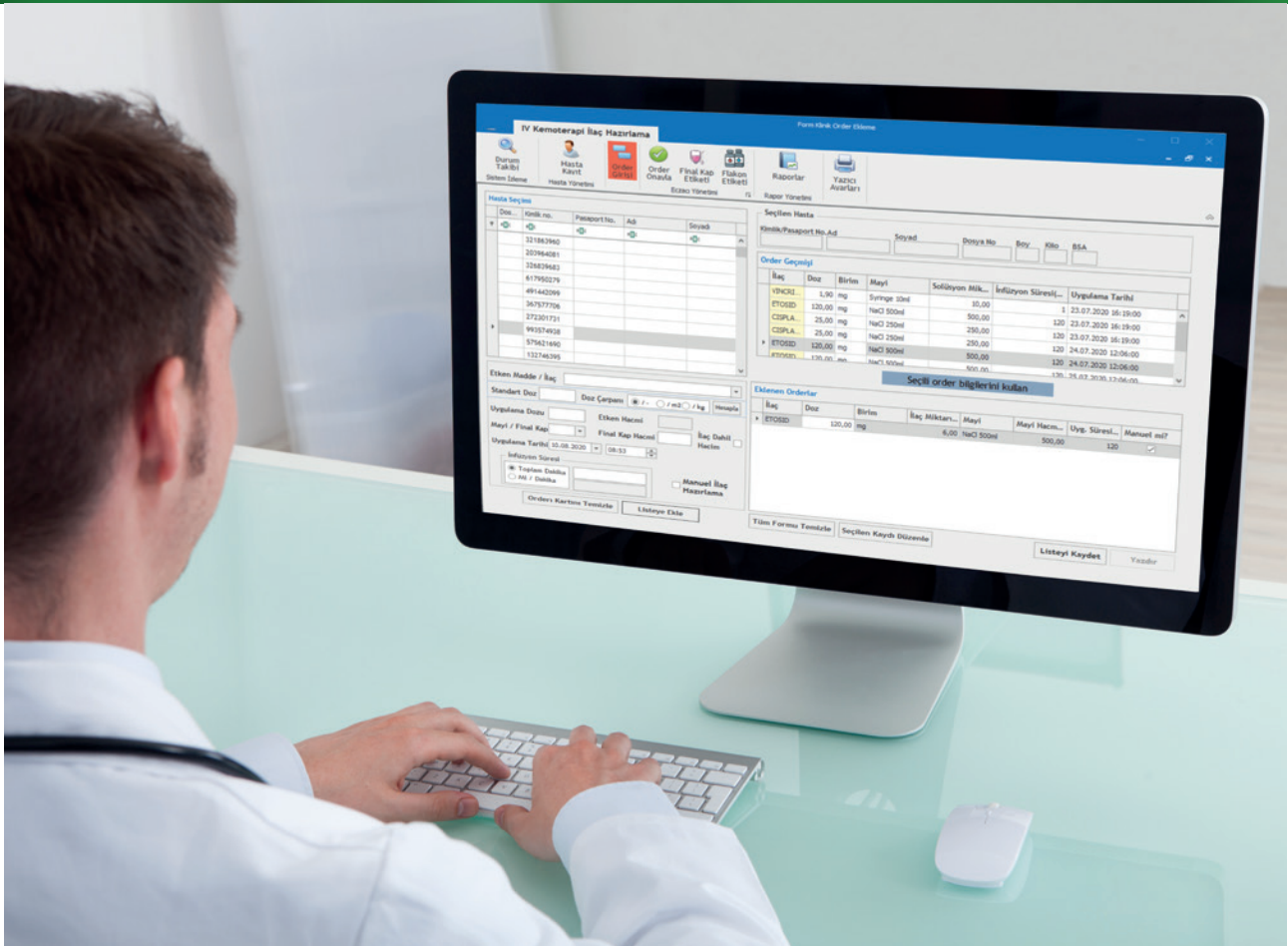
Key Features

- Able to compound up to 40 containers per hour
- Overdose and missing drug prevention with real-time gravimetrical control
- Barcode tracking specific to each vial and final container
- Benchtop (mobile) option for installing inside a BSC
- Closed system needle-free disposables

- ClassII-B2 biosafety compliance with 100% air exhausting
- Drug wastage prevention through line sweeping, low prime volume sets and optimum use of half vials
- Dual-stage final container labeling, visual drug recognition and barcode verification features
- Automated waste management unit

(For more detailed information, you can visit www.kapsamsaglik.com.tr or review the related product catalogue.)

IV Chemotherapy Compounding Solutions
· IV Chemotherapy Workflow Management Software

PharmaScope SOFT

PharmaScope Soft helps clinicians and pharmacy staff to manage the IV chemotherapy workflow and to enhance medication safety, efficiency and traceability from ordering to administration process.

Key Features

- Signing up patients and order prescribing/planning
- Auto-calculation of ordered amounts in different units
- Partially used drug priority and drug loss reduction
- Remote order check and approval tool for pharmacists
- Detailed searching and documentation tools
- Real-time vial and final container inventory review
- Real-time monitoring and reporting of compounding activities
- Assigning automated and manual compounding queues
- Step-by-step user guidance during compounding process

- Tracking all user events with detailed LOG records
- Unique 2D barcode printout for final containers and vials
- Custom-designed labels and reports per specific needs
- Authorisation levels for each user type
- Auto/manual database backup and restore options
- Integration with HIS/EHR through HL7 and other protocols
- Accessible from PharmaScope Onco device and any workstation/client

(For more detailed information, you can visit www.kapsamsaglik.com.tr or review the related product catalogue.)

IV Chemotherapy Compounding Solutions
· Consumables (Compounding)

Drug Transfer Set for Peristaltic Pump

- Used in peristaltic pump drug compounding unit. It has integrated needle-free syringe adaptors on both ends and a stop-cock connector, to provide closed system drug transfer from a drug vial into a final container. It also has a special design for drug sweeping function to prevent residual drugs inside the fluid line.
- Compatible with Kapsam PharmaScope Onco KS-340 device.

Product Code	Tubing Type	Qty/Box
KS-134	Large Bore – Light Protected	50
KS-134D	Dual Channel Large Bore – Light Protected	50

Drug Reconstitution Transfer Set

- Used in drug reconstitution unit. It has a vented macro spike connection on one end to be attached to a solvent source container and a male luer lock (MLL) connection on the opposite end to be connected to a target container (vial, bag, etc.). It is used with a 50ml luer-lock syringe.
- Compatible with Kapsam PharmaScope Onco KS-340 device.

Product Code	Tubing Type	Prime Volume	Qty/Box
KS-135	Large Bore	5.8 ml	50

Low-Volume Drug Transfer Set

- Used in low-volume (syringe pump) drug compounding unit. It has integrated needle-free syringe adaptors on both ends to provide closed system drug transfer from a drug vial into a final container. It is used with a 3ml or 5ml luer-lock syringe.
- Compatible with Kapsam PharmaScope Onco KS-340 device.

Product Code	Tubing Type	Prime Volume	Qty/Box
KS-142	Small Bore – Light Protected	1.5 ml	100
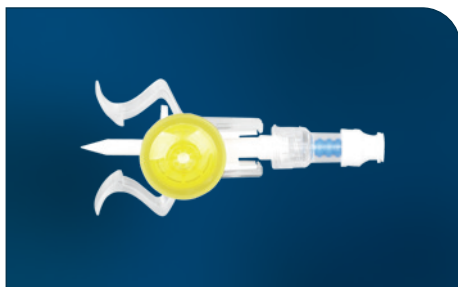
Vial Adaptor 20-21 & 13-14mm

- Provides a closed system drug transfer from a 20-21mm or 13-14mm diameter drug vial into drug transfer line. It has a needle-free valve mechanism to avoid the risks of infection and toxic exposure during removal and a ventilation filter.
- Compatible with Kapsam PharmaScope Onco KS-340 device.

| Product Code	Compatible Vial Membrane Diameters	Prime Volume	Qty/Box
KS-137	20-21 mm	0.2 ml	200
KS-138	13-14 mm	0.2 ml	200

IV Chemotherapy Compounding Solutions
· Consumables (IV Infusion)

Syringe Adaptor with Stopcock

- Used as a connection adaptor of IV-push applications with syringes. It has a needle-free adaptor to be connected to drug transfer set, a female luer lock (FLL) connection to be connected to syringe type final container and a syringe adaptor to be connected to IV administration set.
- Compatible with Kapsam PharmaScope Onco KS-340 device.

Product Code	Connection Type	Prime Volume	Qty/Box
KS-267	Male Luer Activated - Needle-free FLL - FLL	0.15 ml	200
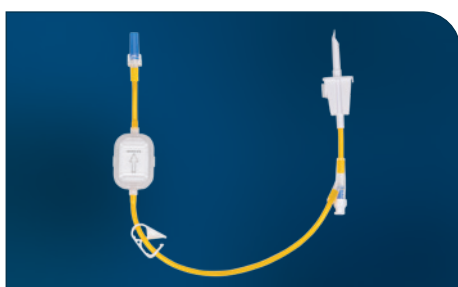
IV Extension Lines with/without In-line Filter

- Provides a closed system connection between IV infusion bag and IV administration set. It has large-bore (3.0x4.1mm) light-protected DEHP-Free tubing with a needle-free Y-Connection port to transfer drugs into the final container.
- Filter integrated type provides 0.2-micron filtration of Paclitaxel or similar IV chemotherapy drugs.
- Compatible with Kapsam PharmaScope Onco KS-340.

Product Code	Filter Type	Tubing Type	Tubing Diameter	Prime Volume	Qty/Box
KS-226	–	Large Bore – Light Protected	3,0 mm - 4,1 mm (IØ - OØ)	2.2 ml	200
KS-227	0.2-micron			4.2 ml	50

EVA IV Infusion Bags for Chemotherapy Solutions

- PVC-free EVA (ethylene vinyl acetate) material. DEHP and Latex Free (including ports).
- Used for IV chemotherapy drug transfer and infusion to the patient. Includes three and two ports options with pinch clamp to stop fluid transfer.
  Available in 150ml, 250ml, 500ml and 1000ml sizes.
- Light-protected type ensures UV light protection up to 95% for light-sensitive
- ingredients oncology medications.
  Includes "CYTOTOXIC" warning sticker in each single sterile package.
- Compatible with automated compounding devices (e.g. Kapsam PharmaScope
- KS-340) and gravity/manual filling.

Product Code	Capacity	Main Material	Connection Type	Qty/Box
KS-382	250ml	Light-Protected EVA	(1) Injection port for manual additions (needle port)	100
KS-383	500ml		(1) FLL port for pump set connection (pre-filling port)	
KS-384	1000ml		(1) Twist-off port for extension set spike connection (infusion port)	

Centralized IV Preparation (CIVA) Solutions
· Fluid Dispensing Pump

Pump-Rx

Pump-Rx KS-440 is a smart and compact fluid dispensing pump with a user-friendly touchscreen and advanced peristaltic pump technology to provide rapid, accurate and easy fluid transfer. Used for a wide range of pharmacy IV admixtures (CIVAs) applications such as reconstituting/filling drug vials, sterile syringes, infusion bags, elastomeric infusion pumps, cassettes and oral dispensers.

Key Features

- 7-inch color touch-screen
- Intuitive user interface
- Easy-to-use setup & calibration menu
- Advanced real-time process monitoring
- Auto-priming function
- Digital Numpad
- Sleep-mode for energy saving
- Batch (serial filling) function with adjustable interval
- 45 adjustable filling volumes
- 30 pre-defined container volumes
- Continuous flow function

- Drawback function (adjustable between 0.1-9.9 mL)
- Forward/reverse flow direction
- Advanced peristaltic pump technology
- Ultimate repeatable accuracy
- 30 adjustable speed levels
- As low as 0.1 mL fluid dispensing
- Rapid filling up to 15 mL/sec
- Pop-up warning messages
- Audible warning (buzzer)
- Insufficient source warning with overfill/swap and level adjustment options

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Centralized IV Preparation (CIVA) Solutions
· Vial Shaker Device

Shake-Rx

Shake-Rx KS-540 is designed to accelerate the time-consuming vial shaking process after the drug reconstitution. Adjustable shaking speed and timer functions help dissolve up to 27 vials simultaneously.

Key Features

- Small footprint
- Plug & play
- 30 different speed levels
- Timer Adjustment
- 3 different size pluggable vial slots
- Shaking upto 27 vials simultaneously

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Centralized IV Preparation (CIVA) Solutions
· Consumables (Fluid Dispensing Pump)

Fluid Dispensing Pump Tube Set SP/MLL

- Provides a safe fluid transfer from large-volume source containers. It has a dual-way macro spike connection with ventilation cap on one end and a male luer-lock (MLL) connection on the opposite end for filling containers with female luer-lock (FLL) end.
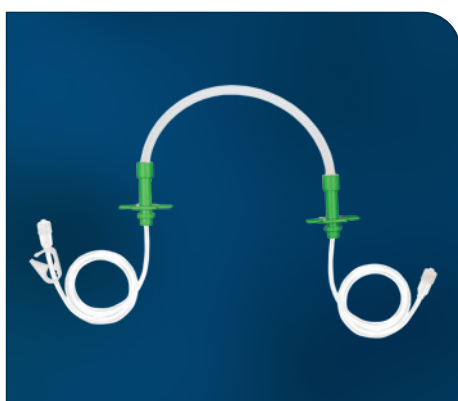- Compatible with Kapsam Pump-Rx and Baxa/Baxter Repeater Pump devices.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-150	Male Luer Lock – Vented Macro Spike	30 ml	310 cm	30
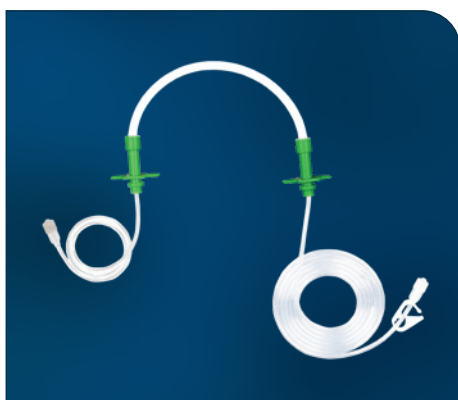
Fluid Dispensing Pump Tube Set MLL/MLL

- Provides a safe fluid transfer from source containers with female luer lock (FLL) end. It has male luer-lock (MLL) connections on both ends, in order the containers with female luer-lock (FLL) end to be connected on both sides.
- Compatible with Kapsam Pump-Rx and Baxa/Baxter Repeater Pump devices.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-151	Male Luer Lock – Male Luer Lock	30 ml	300 cm	30

Fluid Dispensing Pump Low-Volume Priming Tube Set (MLL/MLL)

- Provides a safe fluid transfer from source containers with female luer lock (FLL) end. It has male luer-lock (MLL) connections on both ends. Designed to reduce drug loss with a short line which has low-priming volume.
- Compatible with Kapsam Pump-Rx and Baxa/Baxter Repeater Pump devices.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-152	Male Luer Lock – Male Luer Lock	6 ml	135 cm	50

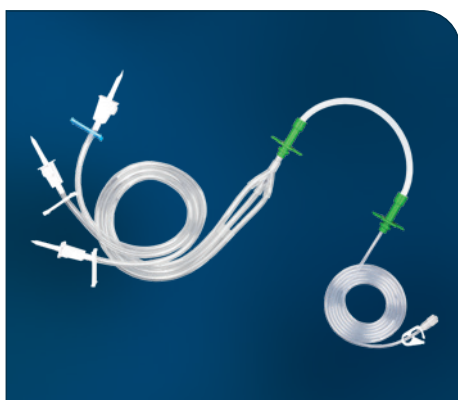# Centralized IV Preparation (CIVA) Solutions

· Consumables (Fluid Dispensing Pump)

Fluid Dispensing Pump Tube Set Bifurcated

- Provides a safe fluid transfer from large-volume source containers with bifurcated inlet line and eliminates frequent fluid source changes. It has 2 dual-way macro spike connections with ventilation caps on one end and a male luer-lock (MLL) connection on the opposite end for filling containers with female luer-lock (FLL) end. Both inlet lines have clamp to stop fluid flow whenever needed.
- Compatible with Kapsam Pump-Rx and Baxa/Baxter Repeater Pump devices.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-153	Male Luer Lock – Vented Macro Spike	42.8 ml	310 cm	15

Fluid Dispensing Pump Tube Set Trifurcated

- Provides a safe fluid transfer from large-volume source containers with trifurcated inlet line and eliminates frequent fluid source changes. It has 3 dual-way macro spike connections with ventilation caps on one end and a male luer-lock (MLL) connection on the opposite end for filling containers with female luer-lock (FLL) end. Both inlet lines have clamp to stop fluid flow whenever needed.
- Compatible with Kapsam Pump-Rx and Baxa/Baxter Repeater Pump devices.

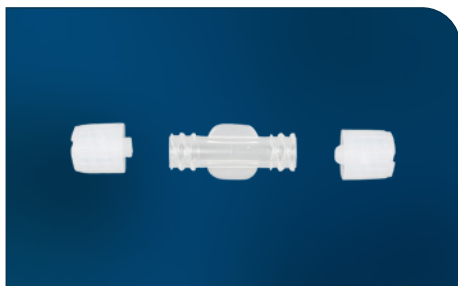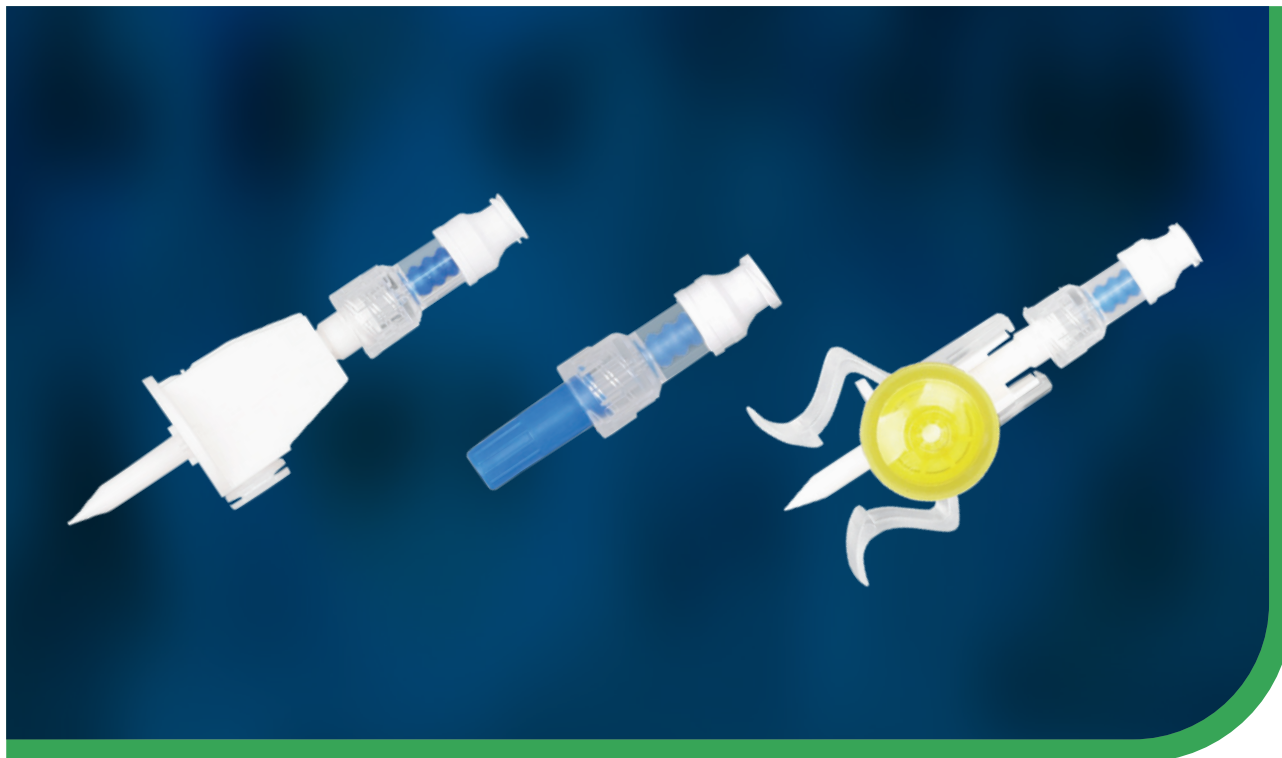| Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-154	Male Luer Lock – Vented Macro Spike	52.8 ml	310 cm	30

Fluid Transfer Extension Lines

- Provides an extension to tube set approx. 50 cm. It has a male luer lock (MLL) connection on one end and a female luer lock (FLL) / male luer lock (MLL) connection on the opposite end.
- Compatible with Kapsam Pump-Rx and Baxa/Baxter Repeater Pump devices.

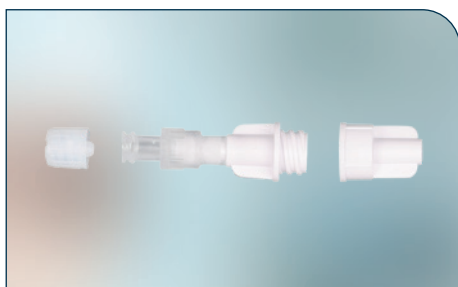| Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-155	MLL-MLL	2.5 ml	55 cm	100
KS-156	MLL-FLL	2.7 ml		

Male to Female Luer-Lock Connector

- Converts a male luer lock (MLL) port to female luer lock (FLL) port. Compatible to be connected with Pump-Rx transfer sets for syringe filling.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-157-MF	FLL-FLL	0.1 ml	38 mm	200

Male to Big-Bore Female Luer-Lock Connector

- Converts a male luer lock (MLL) port to a big bore female luer lock port. Compatible to be connected with KS-240 Valve Set for syringe filling.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-157-MBF	FLL – Big-Bore FLL	0.55 ml	68 mm	200

Centralized IV Preparation (CIVA) Solutions
· Consumables (Connectors)

Male to Big-Bore Male Luer-Lock Connector

- Converts a male luer lock (MLL) port to a big bore male luer lock port. Compatible to be connected with Pump-Rx transfer sets for EVA Infusion bag filling.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-157-MBM	FLL – Big Bore MLL	0.55 ml	68 mm	200

Vented Micro Spike Adaptor with Needle-Free Connector

- Used for providing safe connection and fluid transfer between a micro-bore spike-connection source container (e.g. drug vial) and a male luer-lock (MLL) connection line. Ensures safe and secure connection with integrated needle-free connector.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-254	FLL – Vented Micro Spike	0.2 ml	77 mm	100

Vial Adaptor 13-14 mm

- Provides a closed-system drug transfer from a 13-14 mm diameter drug vial into a drug transfer line. It has a vial locking mechanism to prevent infection and exposure risks due to dismounting. Ensures needle-free connection and filtered air ventilation. Compatible with Kapsam PharmaScope Onco KS-340 device.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-254-1314	FLL – Vented Micro Spike	0.2 ml	77 mm	75

Vial Adaptor 20-21 mm

- Provides a closed-system drug transfer from a 20-21 mm diameter drug vial into a drug transfer line. It has a vial locking mechanism to prevent infection and exposure risks due to dismounting. Ensures needle-free connection and filtered air ventilation. Compatible with Kapsam PharmaScope Onco KS-340 device.
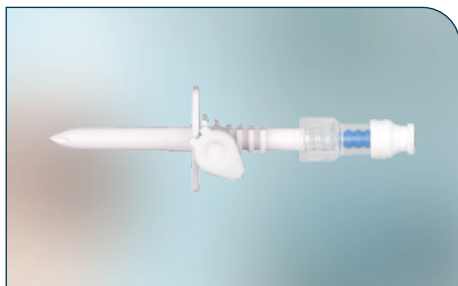
Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-254-2021	Female Luer Lock – Vented Micro Spike	0.2 ml	77 mm	200

Non-Vented Spike Adaptor with Needle-Free & Check-Valve Connector

- Used for providing safe connection and non-ventilated fluid transfer between a large-bore spike-connection source container and a male luer-lock (MLL) connection line. Ensures safe and secure connection with integrated needle-free connector and prevents backflow with integrated check-valve connector.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-256	Female Luer Lock – Macro Spike	0.5 ml	105 mm	200

Vented Spike Adaptor with Needle-Free Connector

- Used for providing safe connection and ventilated fluid transfer between a large-bore spike-connection source container and a male luer-lock (MLL) connection line. Ensures safe and secure connection with integrated needle-free connector.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-253	Female Luer Lock –Vented 2-Way Spike	0.5 ml	97 mm	200

Centralized IV Preparation (CIVA) Solutions
· Consumables (Connectors)

Check-Valve Connector

- Used for prohibiting backflow of fluids during intravenous therapy. Compatible to be used in IV compounding and administration areas.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-242	Male Luer Lock – Female Luer Lock	0.1 ml	25 mm	200

Needle-Free Connector

- Used for providing a safe connection at the end of vascular catheters to enable catheter access for infusions and aspiration. Compatible to be used in IV compounding and administration areas.

Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-243	Female Luer Lock	0.1 ml	30 mm	200

MLL Activated Connector Syringe Adaptor

- Used for providing a needle-free closed system on tubing sets or luer-lock syringes during transferring and mixing hazardous IV drugs.

| Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-244	Male Luer Lock – Female Luer Lock	0.2 ml	37 mm	200

3-Way Stopcock

- Used for simultaneous and continuous infusion of two fluids to connect a luer device and control flow direction. Includes one male luer lock with rotator and two threaded female ports to facilitate safe & secure connection.

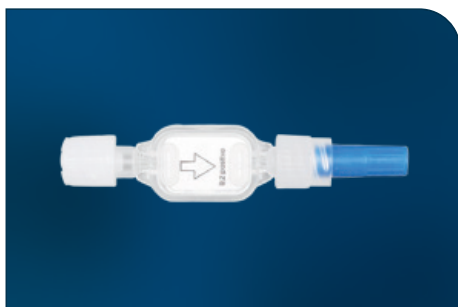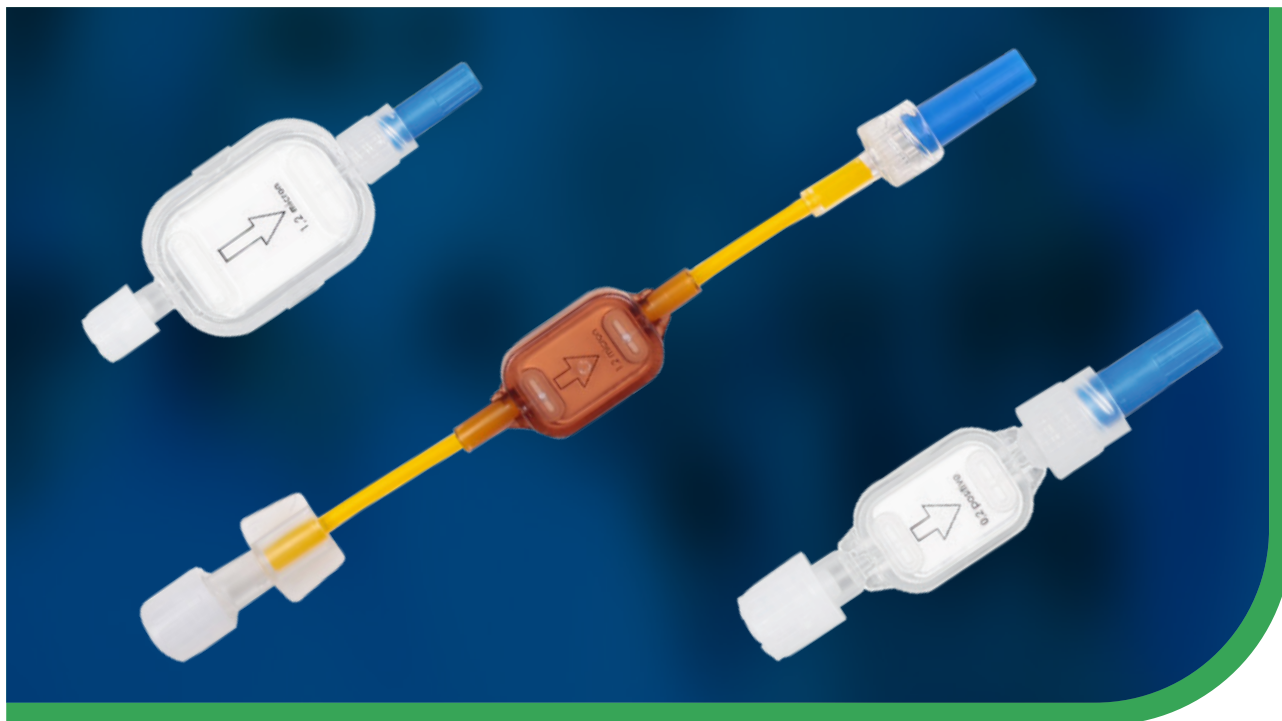| Product Code	Connection Type	Prime Volume	Product Lenght	Qty/Box
KS-237	(1) MLL – (2) FLL	0.2 ml	38 mm	200
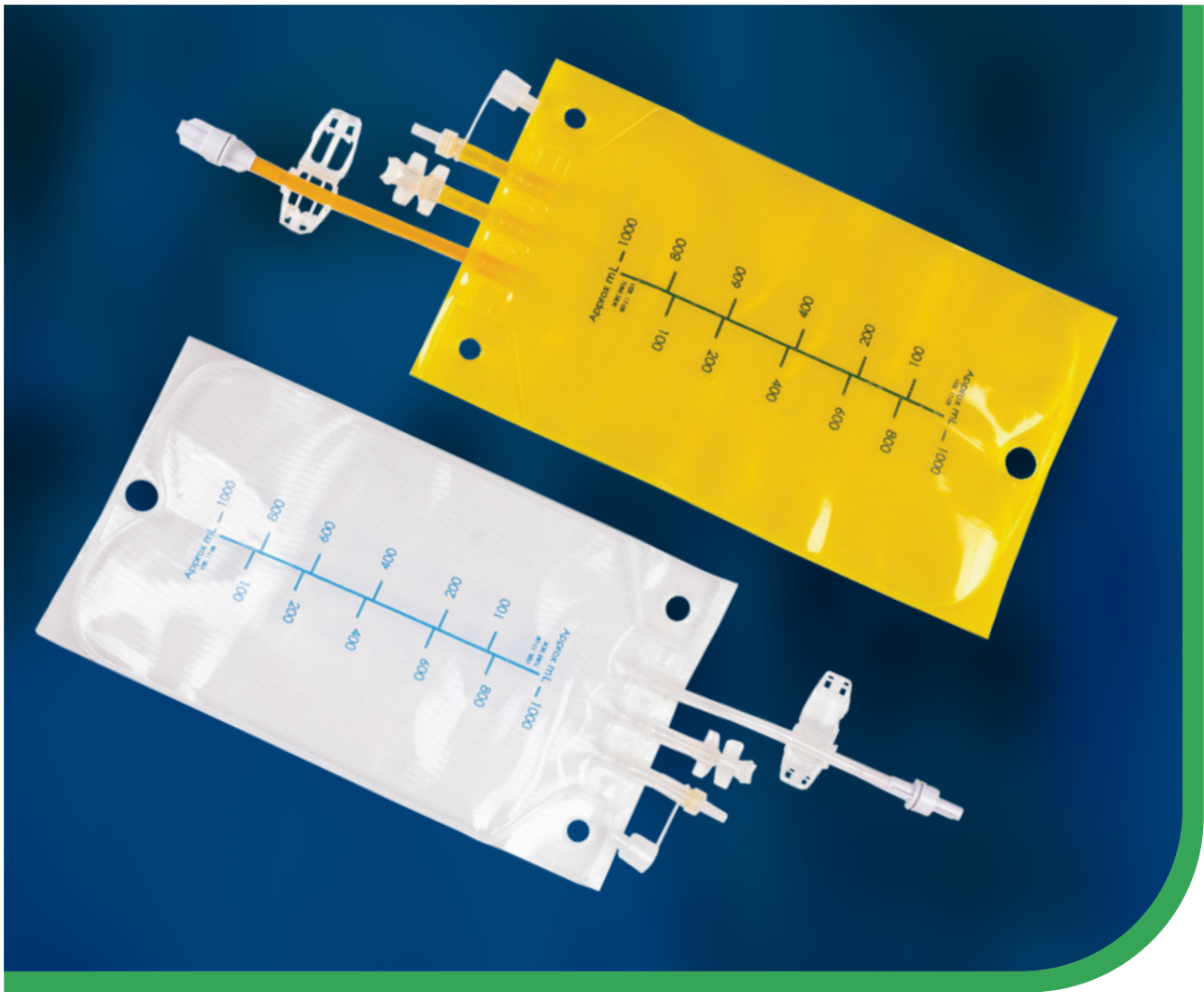
IV Infusion EVA Bags

- Contains PVC-free EVA (ethylene vinyl acetate) material. DEHP and Latex free (including ports).
- Used for large-volume sterile solutions mixing and infusion to the patient.
- Includes three ports with non-reopening clamp and safety cap.
- Available in all standard sizes from 150 to 4000 mL.
- Transparent type allows the solution to be checked visually. Light-protected type ensures UV light protection up to 95% for light-sensitive ingredients such as vitamins, lipids and oncology medications.
- Dual-chamber type is used for transferring additional ingredients (such as lipids) into a separate container to extend the beyond-use date (BUD) of TPN solution.
- Compatible with automated compounding devices and gravity/manual filling.

IV Infusion EVA Bags

Product Code	Capacity	Main Material	Chamber Type	Connection Type	Qty/Box
KS-0015	150ml	Transparent EVA	Single Chamber	(1) Big-bore FLL port for automated/gravity filling (compounding port) (1) Twist-off port for spike connection (infusion port) (1) Injection port for manual additions (needle port)	100
KS-0025	250 ml				100
KS-0050	500ml				100
KS-0100	1000ml				100
KS-0200	2000ml				50
KS-0300	3000ml				50
KS-0400	4000ml				50
KS-1015	150ml	Light-Protected EVA			100
KS-1025	250 ml				100
KS-1050	500ml				100
KS-1100	1000ml				100
KS-1200	2000ml				50
KS-1300	3000ml				50
KS-1400	4000ml				50
KS-0100DC	1000+250ml	Transparent EVA	Dual Chamber	(2) Big-bore FLL port for automated/gravity filling (compounding port) (2) Twist-off port for spike connection (infusion port) (1) Injection port for manual additions (needle port)	100
KS-0300DC	3000+500ml				50
KS-1100DC	1000+250ml	Light-Protected EVA			100
KS-1300DC	3000+500ml				50
KS-381	150 ml		Single Chamber	(1) Injection port for manual additions (needle port) (1) FLL port for pump set connection (pre-filling port) (1) Twist-off port for extension set spike connection (infusion port)	100
KS-382	250 ml				100
KS-383	500 ml				100
KS-384	1000 ml				100
KS-281T	150 ml			(1) FLL port for pump set connection (pre-filling and infusion port) (1) Needle-free connector port for extension set MLL connection (Compounding port)	100
KS-282T	250 ml				100
KS-283T	500 ml				100
KS-284T	1000 ml				100

IV Filters & Extension Lines
· IV Solution and TPN Filters

IV Filter 0.2-micron Positive, Baby-Type

- Provides 0.2-micron filtration of 2in1 parenteral nutrition solutions (excluding lipids) for neonatal/pediatric patients.

Product Code	Connection Type	Filter Color	Prime Volume	Product Length	Qty/Box
KS-238	Rotating Male Luer Lock – Female Luer Lock	Clear/ Transparent	0.35 ml	50 mm	200

IV Filter 0.2-micron Positive, Pediatric-Type

- Provides 0.2-micron filtration of 2in1 parenteral nutrition solutions (excluding lipids) for neonatal/pediatric patients.

Product Code	Connection Type	Filter Color	Prime Volume	Product Length	Qty/Box
KS-239	Rotating Male Luer Lock – Female Luer Lock	Clear/ Transparent	1.30 ml	62 mm	200

IV Filters & Extension Lines
· IV Solution and TPN Filters

IV Filter 0.2-micron Positive, Adult-Type

- Provides 0.2-micron filtration of 2in1 parenteral nutrition solutions (excluding lipids) for adult patients.

Product Code	Connection Type	Filter Color	Prime Volume	Product Length	Qty/Box
KS-257A	Rotating Male Luer Lock – Female Luer Lock	Clear/ Transparent	2.4 ml	50 mm	200

IV Filter 1.2-micron Baby-Type

- Provides 1.2-micron filtration of 3in1 parenteral nutrition solutions (including lipids) for neonatal/pediatric patients.

Product Code	Connection Type	Filter Color	Prime Volume	Product Length	Qty/Box
KS-259B	Rotating Male Luer Lock – Female Luer Lock	Clear/ Transparent	0.38 ml	62 mm	200

IV Filter 1.2-micron Pediatric-Type

- Provides 1.2-micron filtration of 3in1 parenteral nutrition solutions (including lipids) for neonatal/pediatric patients.

| Product Code	Connection Type	Filter Color	Prime Volume	Product Length	Qty/Box
KS-258K	Rotating Male Luer Lock – Female Luer Lock	Clear/ Transparent	1.15 ml	62 mm	200

IV Filter 1.2-micron Adult-Type

- Provides 1.2-micron filtration of 3in1 parenteral nutrition solutions (including lipids) for adult patients.

| Product Code	Connection Type	Filter Color	Priming Volume	Product Length	Qty/Box
KS-240	Rotating Male Luer Lock – Female Luer Lock	Clear/ Transparent	2.4 ml	62 mm	200

IV Filters & Extension Lines

· Small Bore - One way
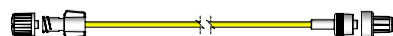
IV Extension Line 150cm DEHP-Free Tubing, MLL/FLL End

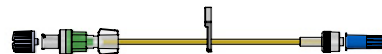■ Suitable for use with syringe/perfusion pump syringes as an IV infusion line.

Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-229	0,9 mm x 2,5 mm	Small Bore – Light Protected	1.0 ml	150 cm	100
KS-229T	0,9 mm x 2,5 mm	Small Bore – Transparent	1.0 ml	150 cm	100
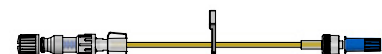
IV Extension Line 5cm DEHP-Free Tubing with Needle-Free Connector, MLL/FLL End

■ Suitable for use with syringe/perfusion pump syringes as an IV infusion line.

Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-264	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.51 ml	18cm	100

IV Extension Line 5cm DEHP-Free Tubing with Needle-Free Ven Valve & Check-Valve, MLL/FLL End

■ Suitable for use with syringe/perfusion pump syringes as an IV infusion line.

Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-264CV	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.51 ml	18 cm	100

IV Extension Line 5cm DEHP-Free Tubing with Check-Valve, MLL/FLL End

■ Suitable for use with syringe/perfusion pump syringes as an IV infusion line.

Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-265	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.36 ml	15 cm	100

IV Filters & Extension Lines
· Small Bore - One way with Filter

IV Extension Line with 1.2-micron Baby IV Filter, 150cm DEHP-Free Tubing, MLL/FLL End

- ■ Suitable for use with syringe/perfusion pump syringes as an IV infusion line. Provides 1.2-micron filtration of parenteral lipid solutions for neonatal/pediatric patients.

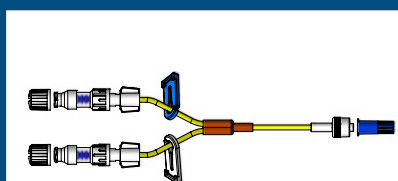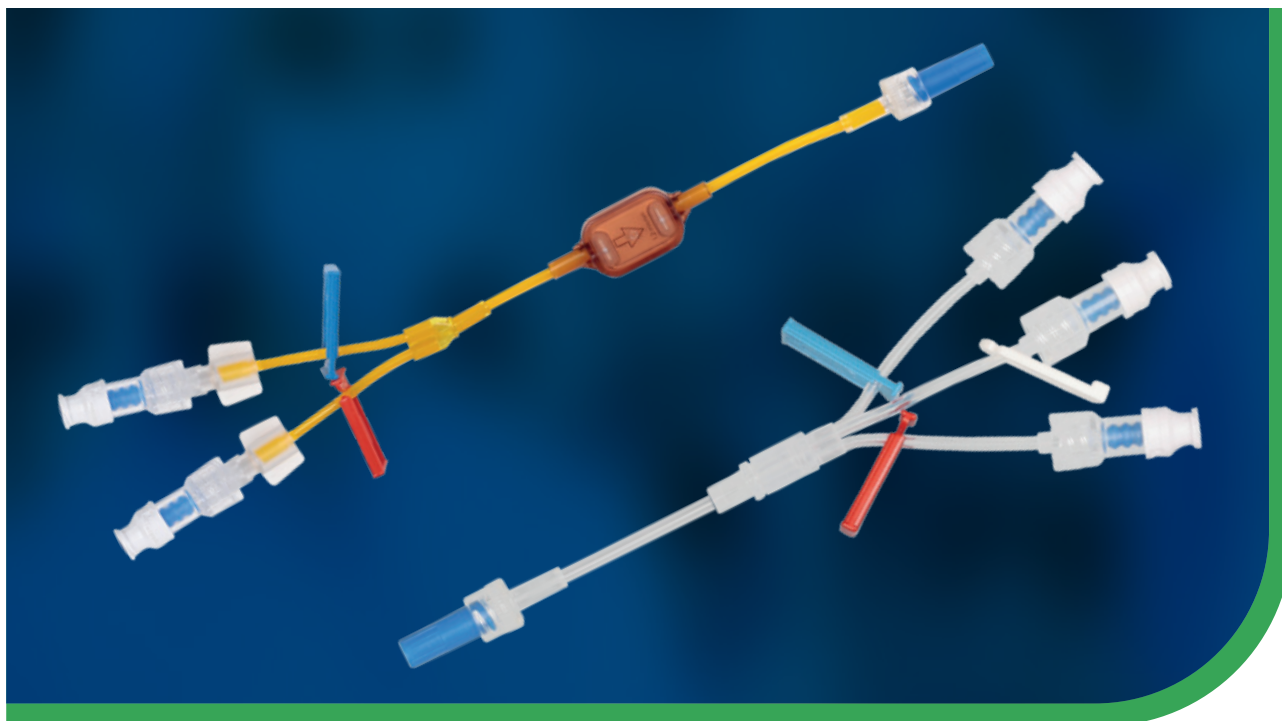| Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-228	0,9 mm x 2,5 mm	Small Bore – Light Protected	1.3 ml	156 cm	100

IV Extension Line with 1.2-micron Baby IV Filter, 10cm DEHP-Free Tubing, MLL/FLL End

- ■ Provides 1.2-micron filtration of 3in1 parenteral nutrition solutions (including lipids) for neonatal/pediatric patients.

Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-247	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.4 ml	150 mm	200

IV Extension Line with 0.2-micron Baby IV Filter, 10cm DEHP-Free Tubing, MLL/FLL End

- ■ Provides 0.2-micron filtration of 2in1 parenteral nutrition solutions (excluding lipids) for neonatal/pediatric patients.

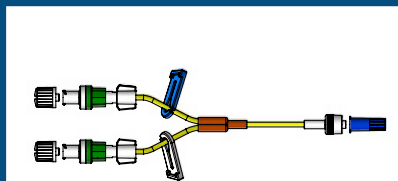| Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-248	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.4 ml	150 mm	200

IV Filters & Extension Lines

· Small Bore - Multiple way

IV Extension Line Double Lumen (Bifurcated) DEHP-Free Tubing with 2xNeedle-Free Ven Valve, MLL/FLL End
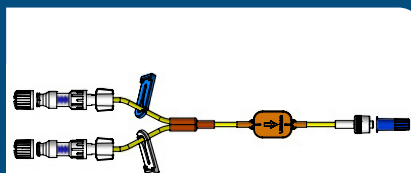
■ Suitable for infusing two IV solutions to neonatal/pediatric patients.

Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-250	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.3 ml	23 cm	100

IV Extension Line Double Lumen (Bifurcated) DEHP-Free Tubing with 2xCheck-Valve, MLL/FLL End

■ Suitable for infusing two IV solutions to neonatal/pediatric patients.

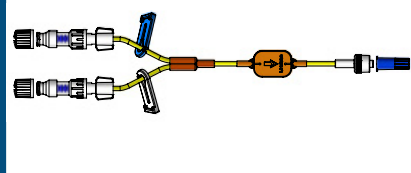| Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-251	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.3 ml	23 cm	100

IV Filters & Extension Lines

· Small Bore - Multiple way

IV Extension Line Double Lumen (Bifurcated) DEHP-Free Tubing with 1.2-micron Baby IV Filter and 2xNeedle-Free Ven Valve, MLL/FLL End

▪ Suitable for infusing two IV solutions to neonatal/pediatric patients. Provides 1.2-micron filtration with integrated IV filter.
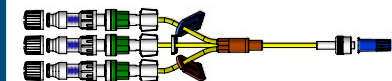
Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-252-12	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.7 ml	19 cm	100

IV Extension Line Double Lumen (Bifurcated) DEHP-Free Tubing with 0.2-micron Baby IV Filter and 2xNeedle-Free Ven Valve, MLL/FLL End

▪ Suitable for infusing two IV solutions to neonatal/pediatric patients. Provides 0.2-micron filtration with integrated IV filter.

Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-252-02	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.7 ml	19 cm	100

IV Extension Line Triple Lumen (Trifurcated) DEHP-Free Tubing with 3xNeedle-Free Ven Valve, MLL/FLL End

▪ Suitable for infusing three IV solutions to neonatal/pediatric patients.

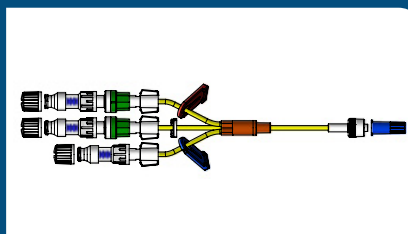| Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-231	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.5 ml	16 cm	100

IV Extension Line Triple Lumen (Trifurcated) DEHP-Free Tubing with 3xNeedle-Free Ven Valve and 3 Check-Valve, MLL/FLL End

▪ Suitable for infusing three IV solutions to neonatal/pediatric patients.

Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-232	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.8 ml	18 cm	100

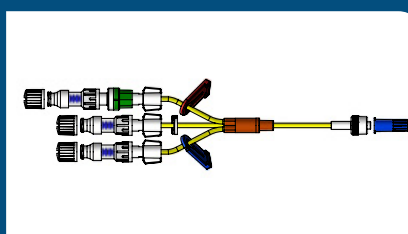# IV Filters & Extension Lines

· Small Bore - Multiple way

IV Extension Line Triple Lumen (Trifurcated) DEHP-Free Tubing with 3 Needle-Free Ven Valve and 2 Check-Valve, MLL/FLL End

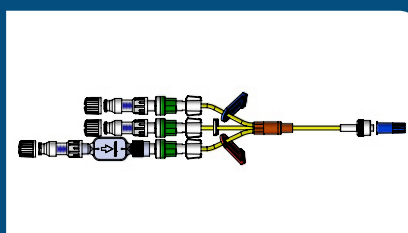◾ Suitable for infusing three IV solutions to neonatal/pediatric patients.

Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-233	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.7 ml	18 cm	100

IV Extension Line Triple Lumen (Trifurcated) DEHP-Free Tubing with 3 Needle-Free Ven Valve and 1 Check-Valve, MLL/FLL End

◾ Suitable for infusing three IV solutions to neonatal/pediatric patients.
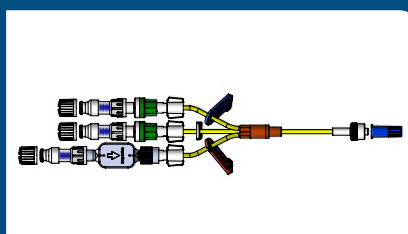
| Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-234	0,9 mm x 2,5 mm	Small Bore – Light Protected	0.6 ml	18 cm	100

IV Extension Line Triple Lumen (Trifurcated) DEHP-Free Tubing with 0.2-micron Baby IV Filter, 3 Needle-Free Ven Valve and 3 Check-Valve, MLL/FLL End

◾ Suitable for infusing three IV solutions to neonatal/pediatric patients. Provides 0.2-micron filtration with integrated IV filter.

| Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-235	0,9 mm x 2,5 mm	Small Bore – Light Protected	1.2 ml	22 cm	100

IV Extension Line Triple Lumen (Trifurcated) DEHP-Free Tubing with 0.2-micron Baby IV Filter, 3 Needle-Free Ven Valve and 2 Check-Valve, MLL/FLL End

◾ Suitable for infusing three IV solutions to neonatal/pediatric patients. Provides 0.2-micron filtration with integrated IV filter.

Product Code	Tubing Diameter (IØ x OØ)	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-236	0,9 mm x 2,5 mm	Small Bore – Light Protected	1.2 ml	22 cm	100

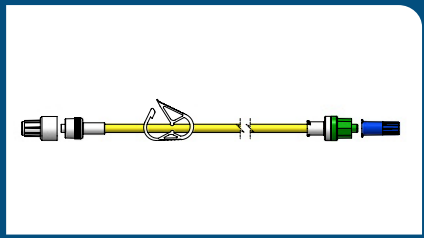# IV Filters & Extension Lines
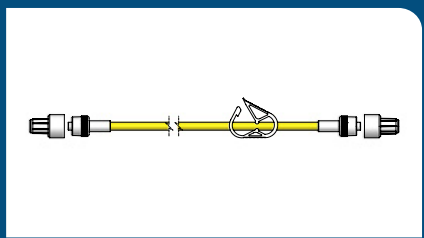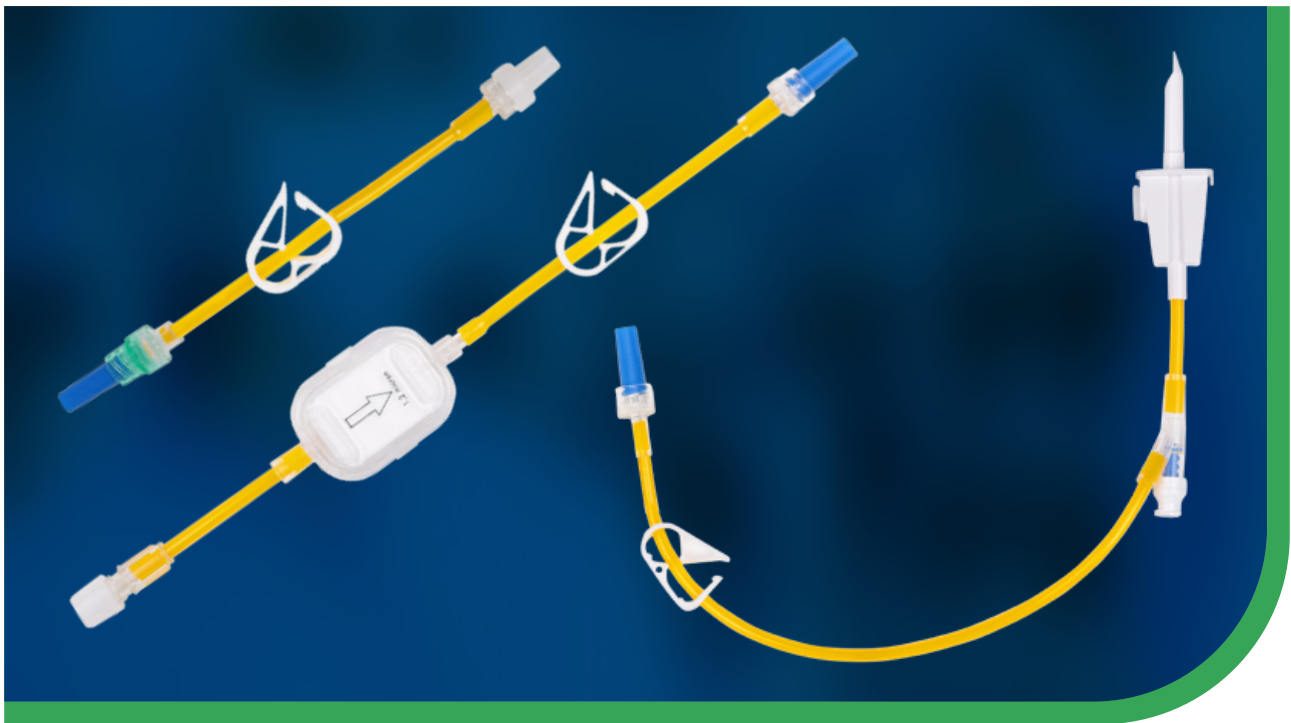
· Large Bore

IV Extension Line 3.0x4.1mm, 26cm DEHP-Free Tubing

■ Suitable to be connected between IV Infusion bag and IV infusion set.

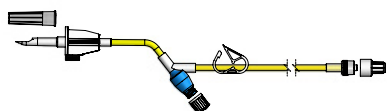| Product Code	Connection Type	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-241	MLL/MLL	Large Bore – Light Protected	1.8 ml	29 cm	100

IV Extension Line 3.0x4.1mm, 26cm DEHP-Free Tubing with Check-Valve

■ Suitable to be connected between IV Infusion bag and IV infusion set.

Product Code	Connection Type	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-225	MLL/MLL	Large Bore – Light Protected	1.8 ml	29 cm	100

IV Filters & Extension Lines

· Large Bore

IV Extension Line 3.0x4.1mm, 25cm DEHP-Free Tubing, Needle-Free Y-Connection Port

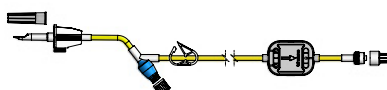- Suitable to be connected between IV Infusion bag and IV infusion set.

Product Code	Connection Type	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-226	Spike/MLL	Large Bore – Light Protected	2.2 ml	33 cm	200

IV Extension Line 3.0x4.1mm, 29cm DEHP-Free Tubing with check-valve, Needle-Free Y-Connection Port

- Suitable to be connected between IV Infusion bag and IV infusion set. Enables safe drug injection with integrated needle-free Y-connector.

Product Code	Connection Type	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-226CV	Spike/Check-Valve MLL	Large Bore – Light Protected	2.5 ml	39 cm	100

IV Extension Line with 0.2-micron IV Filter and Needle-Free Y-Connection Port, 3.0x4.1mm, 30cm DEHP-Free Tubing

- Suitable to be connected between IV Infusion bag and IV infusion set. Provides 0.2-micron filtration of Paclitaxel or similar IV chemotherapy drugs. Enables safe drug injection with integrated needle-free Y-connection port.

Product Code	Connection Type	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-227	Spike/MLL	Large Bore – Light Protected	4.2 ml	43 cm	50

IV Filters & Extension Lines

· Large Bore

IV Extension Line with 0.2-micron IV Filter and Needle-Free Y-Connection Port, 3.0x4.1mm, 30cm DEHP-Free Tubing

■ Suitable to be connected between IV Infusion bag and IV infusion set. Provides 0.2-micron filtration of Paclitaxel or similar IV chemotherapy drugs. Enables safe drug injection with integrated needle-free Y-connection port and integrated check-valve.

Product Code	Connection Type	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-227CV	Spike/MLL	Large Bore – Light Protected	4.4 ml	43 cm	100

IV Extension Line with 0.2-micron IV Filter, 3.0x4.1mm, 15cm DEHP-Free Tubing

■ Suitable to be connected between IV Infusion bag and IV infusion set. Provides 0.2-micron filtration of Paclitaxel or similar IV chemotherapy drugs.

Product Code	Connection Type	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-245	MLL/MLL	Large Bore – Light Protected	1.2 ml	23 cm	100
KS-246	FLL/MLL	Large Bore – Light Protected	1.2 ml	21 cm	100

IV Extension Line with 1.2-micron IV Filter, 3.0x4.1mm, 15cm DEHP-Free Tubing

■ Suitable to be connected between IV Infusion bag and IV infusion set. Provides 1.2-micron IV filtration.

Product Code	Connection Type	Tubing Type	Prime Volume	Product Length	Qty/Box
KS-263	MLL/FLL	Large Bore – Light Protected	2.1 ml	21 cm	100

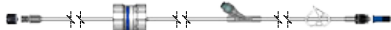# IV Filters & Extension Lines

· Large Bore with Flow Regulator

IV Extension Line with Flow Regulator (GVS Eurodrop®), Transparent Large-Bore, 50cm DEHP-Free Tubing, MLL/FLL End

Product Code	Tubing Type	Prime Volume	Tubing Diameter (IØ - OØ)	Product Length	Qty/Box
KS-260FR	DEHP-FREE	3.63 ml	3.0mm - 4.1 mm	55 cm	30
KS-260FR-PF	PVC-FREE				

IV Extension Line with Flow Regulator (GVS Eurodrop®) and Y-Site Injection Port, Transparent Large-Bore, 50cm DEHP-Free Tubing, MLL/FLL End

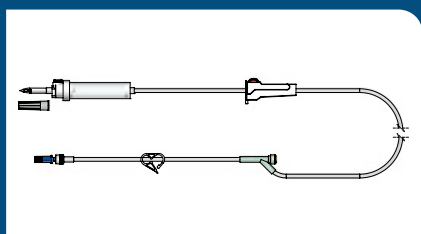| Product Code	Tubing Type	Prime Volume	Tubing Diameter (IØ - OØ)	Product Length	Qty/Box
KS-261FR	DEHP-FREE	3.67 ml	3.0mm - 4.1 mm	52 cm	30
KS-261FR-PF	PVC-FREE				

IV Extension Line with Flow Regulator (GVS Eurodrop®) and Needle-Free Y-Connection Port, Transparent Large-Bore, 50cm DEHP-Free Tubing, MLL/FLL End

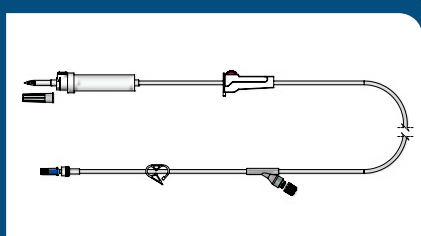| Product Code	Tubing Type	Prime Volume	Tubing Diameter (IØ - OØ)	Product Length	Qty/Box
KS-262FR	DEHP-FREE	3.67 ml	3.0mm - 4.1 mm	52 cm	30
KS-262FR-PF	PVC-FREE				

IV Infusion ve Multiplexer Sets

· Basic IV Infusion Sets

IV Infusion Set Y-Site Injection Port, Transparent Large-Bore (3.0x4.1mm), DEHP-Free Tubing

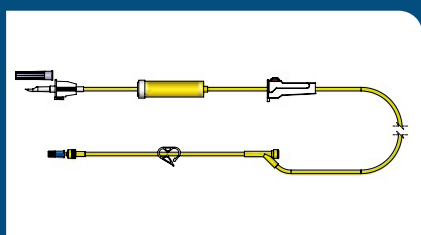■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Tubing Length	Product Length	Prime Volume	Qty/Box
KS-IV501	DEHP-FREE	235 cm	252 cm	26.6 ml	30
KS-IV501-PF	PVC-FREE				

IV Infusion Set Needle-Free Y-Connection Port, Transparent Large-Bore (3.0x4.1mm) DEHP-Free Tubing
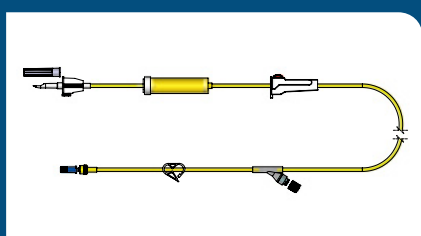
■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Tubing Length	Product Length	Prime Volume	Qty/Box
KS-IV502	DEHP-FREE	235 cm	252 cm	26.6 ml	30
KS-IV502-PF	PVC-FREE				

IV Infusion Set Y-Site Injection Port, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

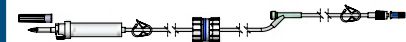| Product Code	Tubing Type	Tubing Length	Product Length	Prime Volume	Qty/Box
KS-IV503	DEHP-FREE	242 cm	252 cm	26.6 ml	30
KS-IV503-PF	PVC-FREE				

IV Infusion Set Needle-Free Y-Connection Port, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Tubing Length	Product Length	Prime Volume	Qty/Box
KS-IV504	DEHP-FREE	242 cm	252 cm	26.6 ml	30
KS-IV504-PF	PVC-FREE				

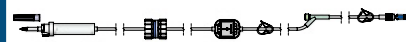# IV Infusion ve Multiplexer Sets

· Large Bore with Flow Regulator

IV Infusion Set with Flow Regulator, Y-Site Injection Port, Transparent Large-Bore (3.0x4.1mm) Tubing

■ Suitable for gravity infusion method.

Product Code	Tubing Type	Tubing Length	Product Length	Prime Volume	Qty/Box
KS-IV301	DEHP-FREE	143 cm	158 cm	21.0 ml	30
KS-IV301-PF	PVC-FREE				

IV Infusion Set with Flow Regulator and 0.2-micron IV Filter, Y-Site Injection Port, Transparent Large-Bore (3.0x4.1mm) Tubing

■ Suitable for gravity infusion method.

Product Code	Tubing Type	Tubing Length	Product Length	Priming Volume	Qty/Box
KS-IV302-02	DEHP-FREE	180 cm	198 cm	25.4 ml	30
KS-IV302-PF-02	PVC-FREE				

IV Infusion Set with Flow Regulator and 1.2-micron IV Filter, Y-Site Injection Port, Transparent Large-Bore (3.0x4.1mm) Tubing
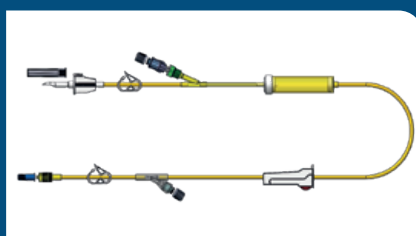
■ Suitable for gravity infusion method.

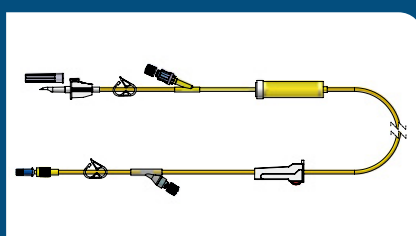| Product Code	Tubing Type	Tubing Length	Product Length	Prime Volume	Qty/Box
KS-IV303-12	DEHP-FREE	180 cm	198 cm	25.4 ml	30
KS-IV303-PF-12	PVC-FREE				

IV Chemotherapy Infusion Set 1-Way Needle-Free Connector with Check-Valve, Needle-Free Y-Connection Port, Light-Protected Large-Bore (3.0x4.1mm) Tubing

■ Compatible with universal infusion pumps.

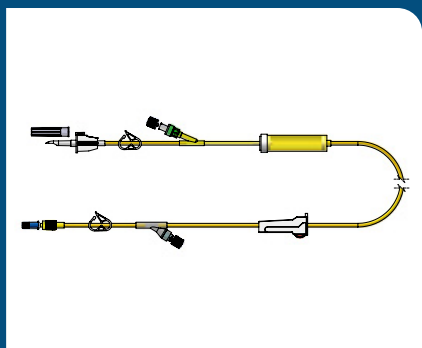| Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV101	DEHP-FREE	27 ml	212 cm	222 cm	30
KS-IV101-PF	PVC-FREE				

IV Chemotherapy Infusion Set 1-Way Needle-Free Connector, Needle-Free Y-Connection Port, Light-Protected Large-Bore (3.0x4.1mm) Tubing

■ Compatible with universal infusion pumps.

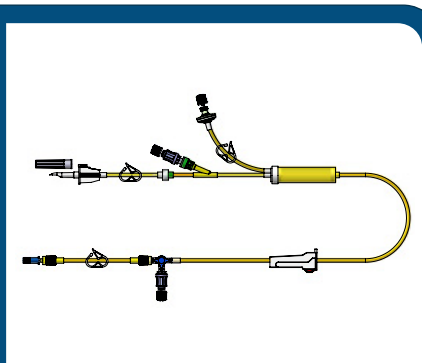| Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV102	DEHP-FREE	25 ml	212 cm	222 cm	30
KS-IV102-PF	PVC-FREE				

IV Infusion ve Multiplexer Sets
· IV Chemotherapy Infusion Sets - 1 Way

IV Chemotherapy Infusion Set 1-Way Connector with Check-Valve, Needle-Free Y-Connection Port, Light-Protected Large-Bore (3.0x4.1mm) Tubing
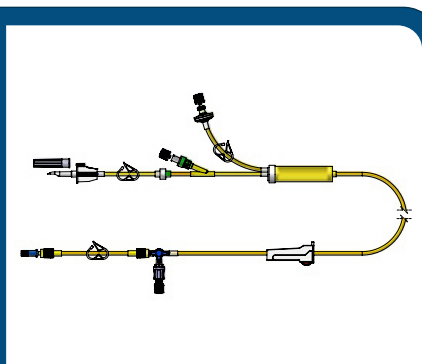
■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV103	DEHP-FREE	25 ml	212 cm	222 cm	30
KS-IV103-PF	PVC-FREE				

IV Chemotherapy Infusion Set 1-Way Needle-Free Connector with Check-Valve, Needle-Free Stopcock T-Connector Port, Safety Check-Valve On-Line, Transducer Line, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV104	DEHP-FREE	25 ml	212 cm	222 cm	30
KS-IV104-PF	PVC-FREE				

IV Chemotherapy Infusion Set 1-Way Connector with Check-Valve, Needle-Free Stopcock T-Connector Port, Safety Check-Valve On-Line, Transducer Line, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV105	DEHP-FREE	25 ml	212 cm	222 cm	30
KS-IV105-PF	PVC-FREE				

IV Infusion ve Multiplexer Sets
· IV Chemotherapy Infusion Sets - 1 Way

IV Chemotherapy Infusion Set 1-Way Needle-Free Connector with Check-Valve, 2xNeedle-Free Y-Connection Port, 2xDrip Chamber, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV106	DEHP-FREE	42 ml	245 cm	255 cm	30
KS-IV106-PF	PVC-FREE				

IV Chemotherapy Infusion Set 1-Way Needle-Free Connector, 2xNeedle-Free Y-Connection Port, 2xDrip Chamber, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

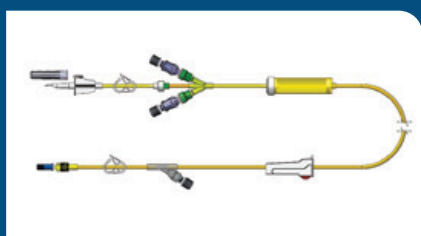| Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV107	DEHP-FREE	43 ml	245 cm	255 cm	30
KS-IV107-PF	PVC-FREE				

IV Chemotherapy Infusion Set 1-Way Connector with Check-Valve, 2xNeedle-Free Y-Connection Port, 2xDrip Chamber, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV108	DEHP-FREE	43 ml	245 cm	255 cm	30
KS-IV108-PF	PVC-FREE				

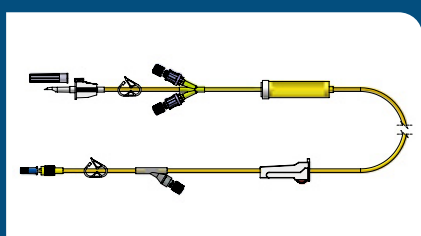# IV Infusion ve Multiplexer Sets
· IV Chemotherapy Infusion Sets - 2 Way

IV Chemotherapy Infusion Set 2-Way Needle-Free Connector with Check-Valve, Needle -Free Y-Connection Port, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

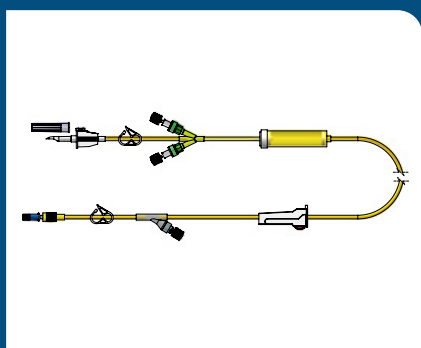| Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV201	DEHP-FREE	29 ml	212 cm	222 cm	30
KS-IV201-PF	PVC-FREE				

IV Chemotherapy Infusion Set 2-Way Needle-Free Connector, Needle-Free Y-Connection Port, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

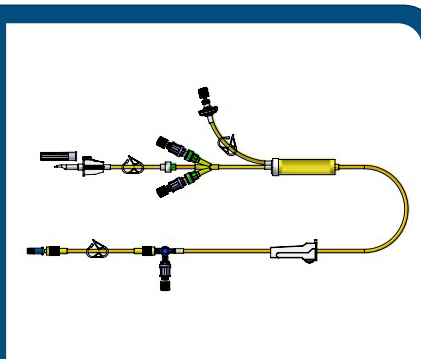| Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV202	DEHP-FREE	26 ml	212 cm	222 cm	30
KS-IV202-PF	PVC-FREE				

IV Infusion ve Multiplexer Sets
· IV Chemotherapy Infusion Sets - 2 Way

IV Chemotherapy Infusion Set 2-Way Connector with Check-Valve, Needle-Free Y-Connection Port, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing
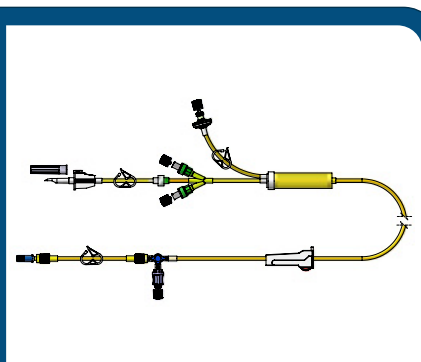
■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV203	DEHP-FREE	27 ml	212 cm	222 cm	30
KS-IV203-PF	PVC-FREE				

IV Chemotherapy Infusion Set 2-Way Needle-Free Connector with Check-Valve, Needle-Free Stopcock T-Connector Port, Safety Check-Valve On-Line, Transducer Line, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV204	DEHP-FREE	27 ml	212 cm	222 cm	30
KS-IV204-PF	PVC-FREE				

IV Chemotherapy Infusion Set 2-Way Connector with Check-Valve, Needle-Free Stopcock T-Connector Port, Safety Check-Valve On-Line, Transducer Line, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV205	DEHP-FREE	27 ml	212 cm	222 cm	30
KS-IV205-PF	PVC-FREE				

IV Infusion ve Multiplexer Sets
· IV Chemotherapy Infusion Sets - 2 Way

IV Chemotherapy Infusion Set 2-Way Needle-Free Connector with Check-Valve, 2xNeedle-Free Y-Connection Port, 2xDrip Chamber, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV206	DEHP-FREE	43 ml	245 cm	255 cm	30
KS-IV206-PF	PVC-FREE				

IV Chemotherapy Infusion Set 2-Way Needle-Free Connector, 2xNeedle-Free Y-Connection Port, 2xDrip Chamber, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

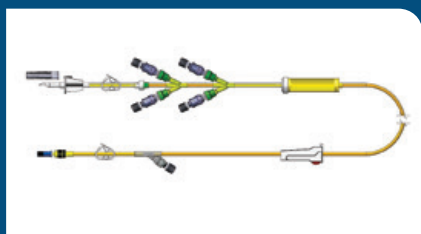| Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV207	DEHP-FREE	44 ml	245 cm	255 cm	30
KS-IV207-PF	PVC-FREE				

IV Chemotherapy Infusion Set 2-Way Connector with-Check-Valve, 2xNeedle-Free Y-Connection Port, 2xDrip Chamber, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV208	DEHP-FREE	44 ml	245 cm	255 cm	30
KS-IV208-PF	PVC-FREE				

IV Infusion ve Multiplexer Sets

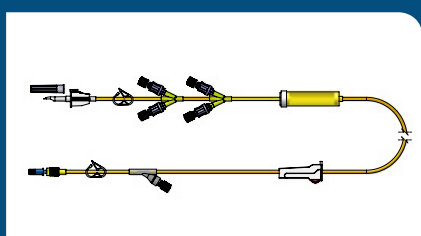## · IV Chemotherapy Infusion Sets - 4 Way

IV Chemotherapy Infusion Set 4-Way Needle-Free Connector with Check-Valve, Needle-Free Y-Connection Port, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

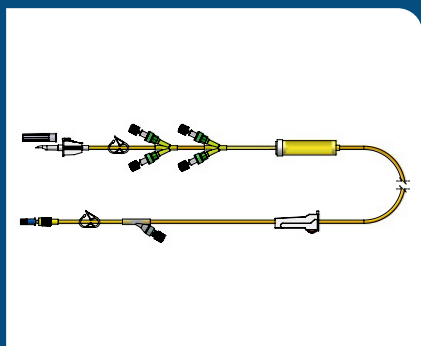| Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV401	DEHP-FREE	34 ml	217 cm	227 cm	30
KS-IV401-PF	PVC-FREE				

IV Chemotherapy Infusion Set 4-Way Needle-Free Connector, Needle-Free Y-Connection Port, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV402	DEHP-FREE	28 ml	217 cm	227 cm	30
KS-IV402-PF	PVC-FREE				

IV Chemotherapy Infusion Set 4-Way Connector with Check-Valve, Needle-Free Y-Connection Port, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV403	DEHP-FREE	32 ml	217 cm	227 cm	30
KS-IV403-PF	PVC-FREE				

IV Chemotherapy Infusion Set 4-Way Needle-Free Connector with Check-Valve, Needle-Free Stopcock T-Connector Port, Safety Check-Valve On-Line, Transducer Line, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV404	DEHP-FREE	32.0 ml	217 cm	227 cm	30
KS-IV404-PF	PVC-FREE				

IV Chemotherapy Infusion Set 4-Way Connector with Check-Valve, Needle-Free Stopcock T-Connector Port, Safety Check-Valve On-Line, Transducer Line, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

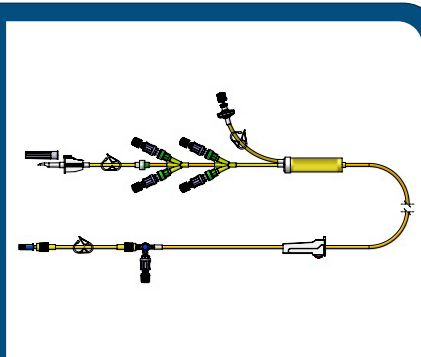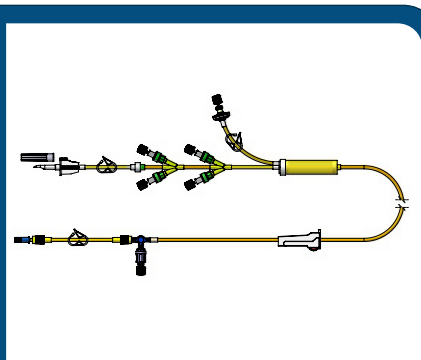| Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV405	DEHP-FREE	32 ml	217 cm	227 cm	30
KS-IV405-PF	PVC-FREE				

IV Infusion ve Multiplexer Sets
· IV Chemotherapy Infusion Sets - 4 Way

IV Chemotherapy Infusion Set 4-Way Needle-Free Connector with Check-Valve, 2xNeedle-Free Y-Connection Port, 2xDrip Chamber, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV406	DEHP-FREE	45 ml	250 cm	260 cm	30
KS-IV406-PF	PVC-FREE				

IV Chemotherapy Infusion Set 4-Way Needle-Free Connector, 2xNeedle-Free Y-Connection Port, 2xDrip Chamber, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

| Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV407	DEHP-FREE	46 ml	250 cm	260cm	30
KS-IV407-PF	PVC-FREE				

IV Chemotherapy Infusion Set 4-Way Connector with Check-Valve, 2xNeedle-Free Y-Connection Port, 2xDrip Chamber, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Compatible with universal infusion pumps.

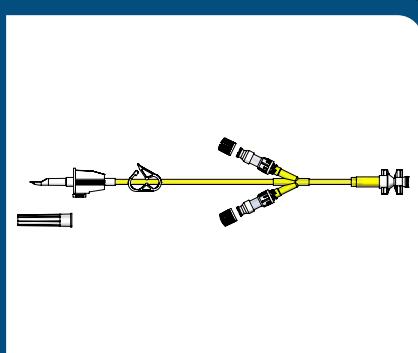| Product Code	Tubing Type	Prime Volume	Tubing Length	Product Length	Qty/Box
KS-IV408	DEHP-FREE	46 ml	250 cm	260 cm	30
KS-IV408-PF	PVC-FREE				

IV Infusion ve Multiplexer Sets

· IV Chemotherapy Multiplexer Sets - 2 Way
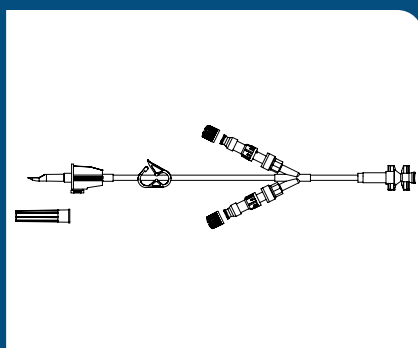
IV Infusion Multiplexer Set 2-Way with Needle-Free and Check-Valve, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Used as 2-way multiplexer of IV chemotherapy infusion sets. Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Qty/Box
KS-IV201A	DEHP-FREE	0.9 ml	22 cm	50
KS-IV201A-PF	PVC-FREE			

IV Infusion Multiplexer Set 2-Way with Needle-Free, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

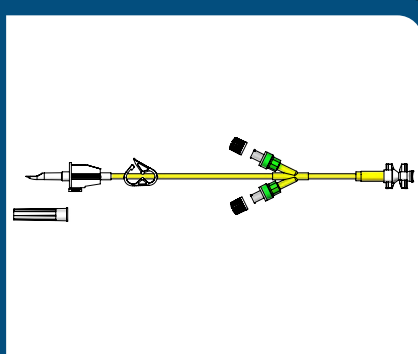■ Used as 2-way multiplexer of IV chemotherapy infusion sets. Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Qty/Box
KS-IV202A	DEHP-FREE	0.5 ml	22 cm	50
KS-IV202A-PF	PVC-FREE			

IV Infusion Multiplexer Set 2-Way with Check-Valve, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing
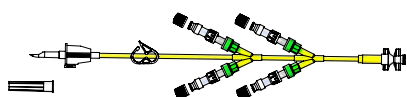
■ Used as 2-way multiplexer of IV chemotherapy infusion sets. Compatible with universal infusion pumps.

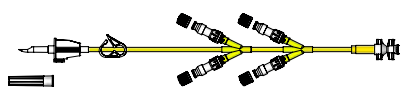| Product Code	Tubing Type	Prime Volume	Tubing Length	Qty/Box
KS-IV203A	DEHP-FREE	0.7 ml	22 cm	50
KS-IV203A-PF	PVC-FREE			

IV Infusion ve Multiplexer Sets
· IV Chemotherapy Multiplexer Sets - 4 Way

IV Infusion Multiplexer Set 4-Way with Needle-Free and Check-Valve, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Used as 4-way multiplexer of IV chemotherapy infusion sets. Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Qty/Box
KS-IV401A	DEHP-FREE	1.3 ml	27 cm	50
KS-IV401A-PF	PVC-FREE			

IV Infusion Multiplexer Set 4-Way with Needle-Free, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Used as 4-way multiplexer of IV chemotherapy infusion sets. Compatible with universal infusion pumps.
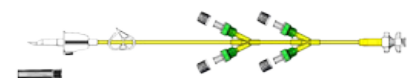
Product Code	Tubing Type	Prime Volume	Tubing Length	Qty/Box
KS-IV402A	DEHP-FREE	1.0 ml	27 cm	50
KS-IV402A-PF	PVC-FREE			

IV Infusion Multiplexer Set 4-Way with Check-Valve, Light-Protected Large-Bore (3.0x4.1mm) DEHP-Free Tubing

■ Used as 4-way multiplexer of IV chemotherapy infusion sets. Compatible with universal infusion pumps.

Product Code	Tubing Type	Prime Volume	Tubing Length	Qty/Box
KS-IV403A	DEHP-FREE	1.0 ml	27 cm	50
KS-IV403A-PF	PVC-FREE			

Infusion
Pump

Kapsam Infusion Pump is a high-sensitive volumetric pump which implements its infusion function through a microprocessor. It accurately controls the stepping motor to produce the forces through a mechanical transmission device to spur the peristaltic sheets.

Erch - 6	Anim - 8	Semi - 2

Features

Auto-Lock Screen
◼ Up to 11 levels time setting; Prevention for operation errors.

Dual CPU
◼ Guarantee for safe work.

Human Voice Alarm
◼ Exclusive technology; Combination of human voice, readable words and visual light alarm; 8 volume levels are available.

History Record Cassette
◼ Up to 2000 records, including operation, alarm and modification; Trackable treatments are ensured.

Certification
◼ Certified by TÜV Rheinland and EN IS013485: 2016

Night Mode
◼ Design for nighttime safe operation.

System Self-Test
◼ System self-test is conducted every time turning on, including alarm indicator, volume, pressure, air bubbles, etc; Safeguard for every-time use.

WLAN Function
◼ Capable of communicating with information management system; Remotely monitor patient' s condition in real time some models.

Syringe Pump

Kapsam Syringe Pump is a high-sensitive volumetric pump which implements its infusion function through a microprocessor. It accurately controls the stepping motor to produce the forces through a mechanical transmission device to push the syringe piston.

Semi - 1 **Anim - 5** **Erch - 3**

Features

Auto-Lock Screen
■ Up to 11 levels time setting; Prevention for operation errors.

Dual CPU
■ Guarantee for safe work.

Human Voice Alarm
■ Exclusive technology; Combination of human voice, readable words and visual light alarm; 8 volume levels are available.

History Record Cassette
■ Up to 2000 records, including operation, alarm and modification; Trackable treatments are ensured.

Certification
■ Certified by TÜV Rheinland and EN ISO13485:2016

Night Mode
■ Design for nighttime safe operation.

System Self-Test
■ System self-test is conducted every time turning on, including alarm indicator, volume, pressure, air bubbles, ete; Safeguard for every-time use.

WLAN Function
■ Capable of communicating with information management system; Remotely monitor patient's condition in real time some models.

Comprehensive Solutions for
Sterile Compounding & IV Infusion

- **Automated IV Compounding Systems (TPN / ONCO / CIVA)**

- **Automated Fluid Dispensing Pump**

- **Pharmacy Operation & Order Entry Software (CPOE)**

- **IV Workflow Management System (IV-WMS)**

- **IV Compounding & Infusion Disposables**

- **Modular Cleanrooms & Accessories**

- **Biosafety & LAF Cabinets & Waste Sealing System**