

B. Braun Needles, Syringes and Accessories



Value that moves the needle.

This catalog presents the full line of B. Braun's standard needles and syringes, together with our comprehensive offering of specialty needles and accessories. B. Braun's heritage of expertise and innovation means you can trust the entire line of B. Braun's needles, syringes and accessories to be of the finest, world-leading, quality.

NEEDLES AND SYRINGES

Value Line

- Injekt™ Syringes 3

Standard Line

- Syringes 5
- Tuberculin Syringes 7
- Insulin Syringes 7
- Needles 8

Syringe Pumps

- Perfusor® Space Syringe Pump & PCA Syringe Pump 9

Safety Devices

- Introcan Safety® IV Catheter 9
- WHIN® Safe Huber Needle 9
- ONGUARD™ Contained Medication System with Tevadaptor® Components 10
- Chemo Dispensing Pin & Dispensing Pins 10

Specialty Needles, Syringes & Accessories

- Capping and Securing 11
- Transfer and Filter Devices 11
 - Fluid Filtration 11
- Pre-Filled Flush Syringes 11

Pharmaceutical and Drug Delivery

- PINNACLE® TPN Management System 12
- Clinical Nutrition 12
- CAPS® Central Admixture Pharmacy Services 12

Regional Anesthesia and Pain Control Products

- Epidural Products 13
- Spinal Products & Combined Spinal/Epidural Products 13
- Peripheral Nerve Block Products 13

Value that moves the needle.

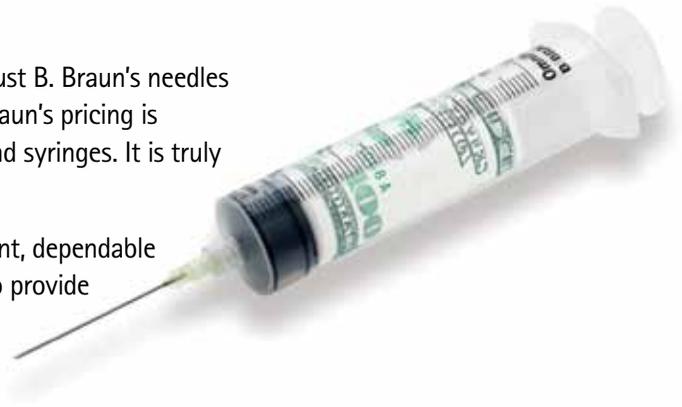


Needles and Syringes

Introducing B. Braun's full line of needles and syringes—a unique value that gives you the confidence of using world-leading products at more sensible prices that save your organization money.

B. Braun's heritage of expertise and innovation means you can trust B. Braun's needles and syringes to be of the finest, world-class quality, and yet B. Braun's pricing is competitive or lower than any other brand of standard needles and syringes. It is truly **value that moves the needle.**

B. Braun's line of standard needles and syringes provides consistent, dependable performance. They are offered in a wide range of combinations to provide maximum clinical flexibility.



Injekt™ Syringes

A history of affordable innovation.

B. Braun's Injekt line of syringes proves that B. Braun delivers value that moves the needle. B. Braun began delivering world-class healthcare devices in 1839 and we have never stopped improving and reinventing.

Accurate and economical Injekt Syringes:

- Ideal for simple injections, vaccinations and more
- Compatible with all needles
- Green plunger for easy recognition of filling volumes
- Smooth, steady operation
- Also available with Sterican® needles for unmatched sharpness and patient comfort



Injekt-F syringe tip prevents dead space with minimal residual volume.

Injekt-F syringes:

- Designed to deliver virtually all costly medication
- Designed to provide accurate dosing to 0.01 mL



- 2001 — B. Braun launches DUPLEX® Drug Delivery System
- 1989 — B. Braun releases first needle-free I.V. System
- 1951 — B. Braun pioneers first workable syringe pump
- 1957 — B. Braun produces first plastic disposable hypodermic syringe
- 1929 — B. Braun announces first commercially prepared I.V. solution
- 1909 — B. Braun develops first sterile, resorbable suture
- 1839 — B. Braun founded in Melsungen, Germany

Product Configurations:

- 1 mL, 2 mL, 5 mL, 10 mL and 20 mL
- Luer Lock, Luer Slip and Eccentric tips



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the needle.

Syringes

B. Braun's value makes this innovation an option to help increase your bottom line.

Consistent Performance:

- Smooth plunger action and double-seal stopper
- High visibility – transparent barrel with bold graduations
- Secure backstop to prevent accidental plunger withdrawal
- Double seal stopper to prevent medication leakage
- Large, stable finger grips
- Large-volume irrigation syringes can be used with a catheter fitting tip

High barrel transparency designed for:

- Accurate filling
- Simplifying inspection for air bubbles or particulates

Product Configurations:

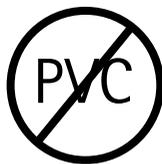
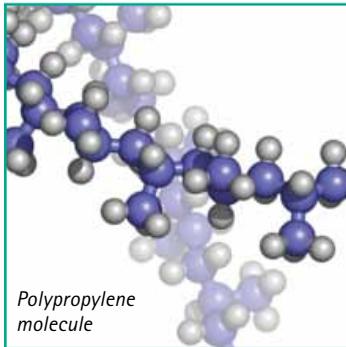
- 1mL to 100mL
- With and without graduations
- Standard, fine dose, insulin and Tuberculin syringes
- Luer Lock, Luer Slip, Eccentric and Catheter tips



Value that
moves the needle.

Product Materials:

- Barrel and plunger rod: Polypropylene
- Plunger tip: Polyisoprene
- Components do not contain DEHP or natural rubber



Ease of Handling and Accurate Dosing:

Excellent plunger slide characteristics and high barrel transparency allow for exact dosing of fluid



Tuberculin Syringes

Smooth, accurate, consistent plunger travel force:

- 25 gauge and 26 gauge with detachable needles
- 30 gauge permanently attached needle version
- Minimal silicone residue
- Positive plunger stop on all sizes
- Available option - without needle



Insulin Syringes

Advanced, premium comfort needle technology:

- Positive plunger stop on all sizes
- 0.5 and 1 mL sizes
- 27 gauge and 30 gauge for maximum patient comfort
- Permanently attached, detachable, and without needle configurations
- Smooth, consistent plunger gliding force
- Highly transparent for better visualization



Needles

Optimized Patient Comfort and Convenience:

- Smooth surface with light silicone coating designed to minimize discomfort
- Color coded hubs for easy identification
- Wide range of diameters and length
- Ultra-sharp, tri-beveled stainless steel needle designed to result in minimal pain

Long bevel



Short bevel



Unique, high automated grinding and polishing process and low-friction lubrication designed to achieve unequalled sharpness and ease of penetration



Transparent Luer-Lock hub designed to provide high visibility to detect flashback



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Perfusor® Space Syringe Pump and Perfusor Space PCA Syringe Pump

Informative Display:

- Customized dose limits designed to help eliminate errors
- Critical therapy information always on display

Intuitive, standardized interface:

- Arrows replace numeric keypad entries to eliminate keypad bounce errors



Introcan Safety® IV Catheters

A truly passive safety device:

- Activated automatically
- Cannot be by-passed

Introcan Safety® IV Catheter can help:

- Reduce Needlestick Injuries
- Promote First Stick Success
- Improve Patient Comfort



WHIN® Safe Huber Needle

Two safety devices integrated into a single Huber Needle:

- Protection from needlestick injuries: Safety shield covers needle tip as it is withdrawn
- Designed to protect from blood and fluid exposure with integrated Bio-Bag™
- Easy to use, easy to dress, and low-profile design





ONGUARD™

Contained Medication System with Tevadaptor® Components:

A next-generation system that helps to protect you from exposure to hazardous drugs and is proven to meet the NIOSH definition of a closed system drug transfer device in actual drug testing with antineoplastic agents. ONGUARD™:

- Is easy to learn with fewer components and steps
- Supports compliance with USP<797>, NIOSH and ASHP
- Safely contains drug in liquid, gaseous, and particulate form during admixture, transport, administration and disposal

Chemo Dispensing Pins and Dispensing Pins

A variety of devices for a variety of applications:

- For bags, bottles and vials
- 0.2 micron hydrophobic air venting filter designed to capture aerosolization while reconstituting or dispensing medications from multi-dose vials
- Vented or non-vented pins



Capping and Securing

A variety of syringe caps and connectors designed to make syringe prefilling programs efficient and economical:

- Convenient packaging trays protect the sterility of unopened caps by allowing exposure of some or all of the caps at one time
- The TEC-1000 (Tamper-Evident Syringe Cap) has a unique two-piece design that clearly indicates cap removal



Transfer and Filter Devices Fluid Filtration

Enhance patient safety by reducing potential for glass particle injection when using single-dose glass ampules:

- Reduction of contaminants lessens potential side effects, such as phlebitis, caused by infused particulates
- 5 micron particulate filter reduces injection of contamination
- Flexible straw can be angled for easy use



Pre-Filled Flush Syringes

Reduce the risk of contamination and save preparation time:

- Individually wrapped syringes, with tamper-evident outer wrap
- Bar-coded syringe labels and color-coded caps
- Available in Sodium Chloride and Heparin



PINNACLE® TPN Management System

The PINNACLE TPN Management System streamlines all functional areas of operation and manages all aspects of the TPN process for improved compounding efficiency and safety:

- Reduces transcription errors and expedites patient care via direct electronic communication from physician to pharmacist
- Reduces setup time to less than 15 minutes
- Reduces time required for TPN preparation-1 liter in less than 1 minute
- Decreases risk of touch contamination with pre-assembled dispensing sets



Clinical Nutrition

Wide variety of PVC-free and DEHP-free products:

- Launched in 1972, with the introduction of the first crystalline amino acid injection
- Offers a complete line of basic nutrition products for parenteral administration
- Provides a wide selection of unique and disease-specific amino acid formulations for adults, pediatrics, and neonates



Central Admixture Pharmacy Services (CAPS®)

The nation's largest network of outsourcing admixture pharmacies:

- The number one provider of custom compounded TPN, CAPS pharmacies compound and locally deliver TPN, Cardioplegia and other compounded sterile preparations to the largest and smallest hospitals, alike
- Since 1991, hospital and homecare pharmacies trust CAPS to help them comply with strict state and federal regulatory standards
- Meeting or exceeding industry standards, CAPS state licensed and federally registered pharmacies operate 365 days a year



Epidural Products

High quality, reliable Epidural Anesthesia devices from the leader in Regional Anesthesia:

- Wide selection of Epidural needle styles and sizes
- Several Epidural catheter options including Perifix® FX Springwound Epidural Catheters
- Plastic and glass LOR syringes in different sizes and tip configurations (LL or LS)
- Variety of accessories: catheter connectors, filters



Spinal Products and Combined Spinal/Epidural Products

Wide variety of Spinal and CSE needles and trays:

- Pencan® pencil-point needles offer low PDPH rates and rapid CSF appearance
- Spinocan® Quincke type needles offers superior needle stiffness, stability and rapid CSF visualization
- Espocan® combined spinal/epidural needle system is designed for smooth, drag free spinal needle insertion and success rates (we recommend the use of Espocan with our Perifix® FX Springwound catheter for labor and delivery)



Peripheral Nerve Block Products

Whatever your technique, B. Braun has the right products:

- Market leader for single shot and continuous nerve block products in the US¹
- Single shot needles to support varying clinical requirements (Stimulating, non - stimulating & echogenic needles)
- Continuous catheter sets and trays for extended duration analgesia (up to 72 hours)



1. IMS Data Q2 2011.

Since 1839, B. Braun has delivered innovative health care products, services and educational programs that enhance the care and safety of patients and health care professionals in the fields of hypodermic needles and syringes, drug delivery, IV therapy, pain control, vascular intervention, clinical nutrition and dialysis. Our products and services are used throughout the world in hospitals, outpatient surgery centers and in the home care setting.

For information on B. Braun Syringes and Needles and Accessories, please contact B. Braun USA at **1-800-854-6851** or visit **www.needlesandsyringesbbraun.com**

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SHARING EXPERTISE

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