

Tru-Test.
DATAMARS

Speedrite.
DATAMARS

Patriot.
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**Z
TAGS.**
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njphillips.
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Simcro.
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Animal Health

Delivery Systems

Animal Health Disposables & Devices
PRODUCT CATALOG GUIDEBOOK

A Measurable Difference

We are dedicated to providing a more comprehensive, integrated livestock management portfolio. As a result, we have united our product brands under a single family – Datamars Livestock.

Our goal is to provide producers with the essential tools to meet the increasing global demand for high-quality protein. The journey begins with tag identification at birth. As animals grow, our products meticulously track data insights, facilitating fact-based decision-making. Our animal health delivery systems ensure dose accuracy, safety, and efficiency, thereby saving time and reducing stress. Taking it a step further, our line of livestock scales and EID readers collect real-time data for effective management throughout the animal's life cycle.

With a strong track record of partnering globally with the pharmaceutical industry on confidential and market-sensitive projects, our collaborative and professional approach has earned us exceptional customer retention. Through stringent quality standards and innovative development, NJ Phillips and Simcro product lines enhance the value of pharmaceuticals and vaccines for production livestock. Our product hallmarks include dose accuracy, user safety, operational convenience, and animal welfare. During the design stage, our engineers consider end-user environments to manage health, safety, and animal welfare risks. All products undergo rigorous testing in both field trials and our in-house laboratories. Integrity is fundamental to our design, ensuring that customers receive an uncompromising end product. Our specialty packaging can be tailored to meet specific brand requirements.

At Datamars Livestock, we take pride in delivering quality products and exceptional service. We believe in the future of agriculture and are ready to assist with any challenges at hand.

NJ Phillips & Simcro Animal Health Delivery Systems

VISIT NJPHILLIPS.COM
VISIT SIMCRO.COM

Speedrite Superior Electric Fencing

VISIT SPEEDRITE.COM

Patriot Quality Electric Fencing

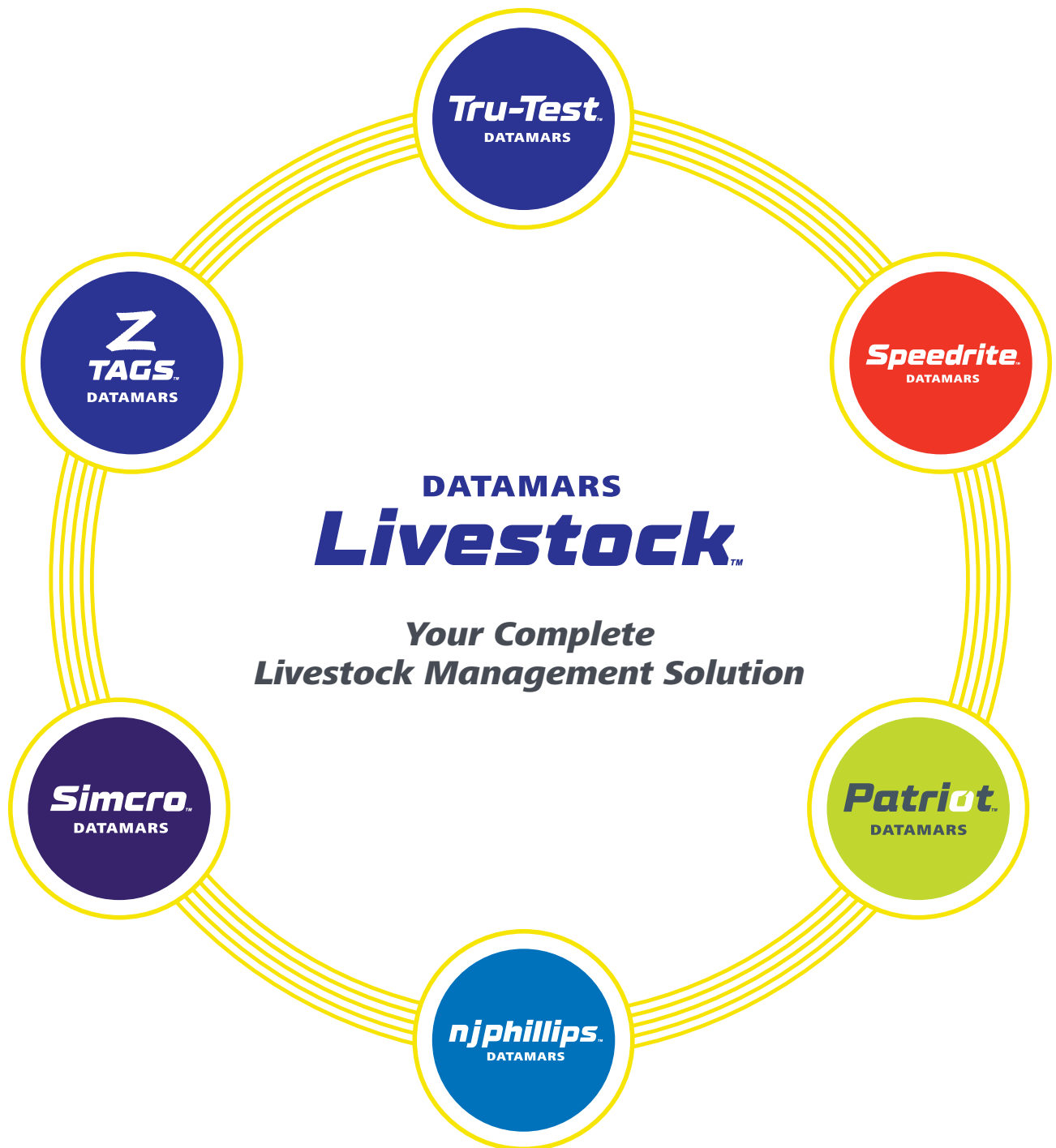
VISIT PATRIOTGLOBAL.COM

Z Tags & Temple Tag Livestock Identification Tags

VISIT ZTAGS.COM

Tru-Test Weighing, EID & Smart Farming Solutions

VISIT TRU-TEST.COM



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We empower producers by enabling data-driven decisions, ensuring consistent and profitable results. We support you through everyday livestock production needs, with innovative technology aiding day-to-day tasks. Our tools enhance animal health, precision management, and protein production, working seamlessly together and with you. Whether in the field or online, our digital platform provides real-time livestock information, enhancing decision-making. Our products not only work together but, more importantly, work for you.

Datamars Livestock, a division of the global company Datamars, Inc., is a leading provider of precision livestock management solutions. Our top-quality tools, including Tru-Test, Z Tags, Patriot, Speedrite, NJ Phillips and Simcro support efficient and profitable livestock management. Backed by the Datamars Livestock cloud software, our products offer real-time data for producers.

VISIT [LIVESTOCK.DATAMARS.COM](https://www.livestock.datamars.com)

CUSTOMER SUPPORT:

(800) 433-3112 or customerservice@datamars.com



TERMINOLOGY

Barrel: The part of an injector which functions to measure and contain the medication fluid. The plunger forces fluid through the barrel and out through the needle.

Fixed Dose: The device has a single fixed dose option on the indicator window. A dose selector is present on the device, but it cannot be adjusted or moved.

Forward Selectable: The non-slip selector enables easy and accurate dose selection, preventing product loss when adjusting the dose setting. When smaller dose sizes are selected, the plunger moves further forward along the barrel. It uses a positive stroke to displace the entire dose in the barrel, ensuring accuracy and maximum efficacy. This configuration reduces bubbles and quickly removes them from the system, ensuring accuracy and efficacy.

Oral Drencher Application: Administering medicine dosage or liquid preparations directly into an animal's stomach by mouth is commonly known as drenching. This method is widely used for various treatments, including worm remedies (anthelmintics), addressing conditions like bloat, diarrhea, constipation, and other medicinal applications.

PLT Needle Connection: A platelet count (PLT) test assesses the quantity of platelets in the blood. Platelets, also known as thrombocytes, are cells produced in bone marrow. Its crucial role involves clotting the blood in response to damage to a blood vessel wall, preventing excessive bleeding.

Polypropylene Plastic Barrel: Some injectors offer optional polypropylene plastic barrels for use with medications requiring increased chemical resistance. These barrels have a "cloudy" appearance and are less transparent, however they can handle harsh medications.

Polysulfone Plastic Barrel: Most injectors come standard with a barrel made of polysulfone plastic which is compatible with most medications except those requiring increased chemical resistance. These barrels have the benefit of being more transparent for easy volume reading.

Pour-on Application: For thinner medications that absorb into the skin and are generally applied along the back of an animal. Comes off in a spray-like manner for quick, easy, and safe application. It does not require animals to be contained.

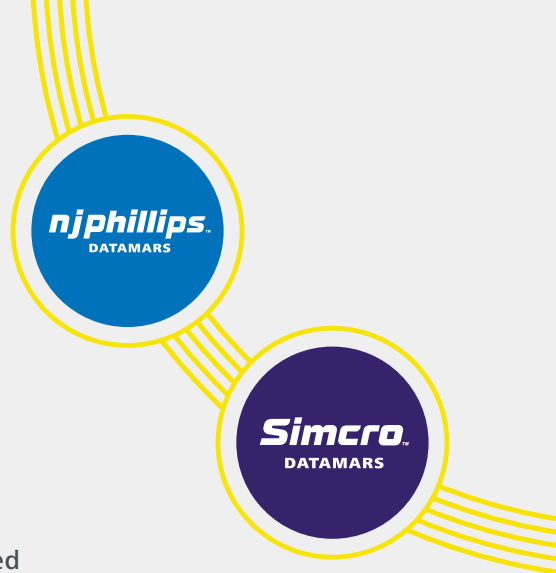
Reverse Selectable: The non-slip selector enables easy and accurate dose selection, preventing product loss when adjusting the dose setting. Once the dose is selected, the plunger will remain at the back of the barrel. At low doses, the plunger acts on a full barrel, making the air in the system challenging to purge as air bubbles compress rather than expel. If bubbles go unnoticed, they can lead to the animal's underdosing and reduce efficacy.

Selectable Repeaters: Device has a dial that can be adjusted to pre-set dose size, the plunger moves towards the end of the barrel while each dose is administered and fully emptying the barrel at which point it can be refilled.

Variable Dose: Allows precise dosage selection and flexible adjustment without the need to change syringes or applications. It allows for quick and easy switching between doses, with fine-tuning against the plunger and barrel markings as needed.

Variable Lock: The non-slip selector allows easy, accurate dose choice and flexible dose adjustment. Variable lock dose selection can be fine-tuned against the front of the plunger and dose indication markings on the barrel (unless otherwise stated on the device).

Tube Fed & Bottle Mount Injectors



Designed with a textured non-slip finish, our bottle mount and tube-fed injectors feature an ergonomic grip, reducing hand strain during prolonged use. The simple yet precise dose selection includes an easy-grip volume control for accuracy. Available dose control settings include fixed, variable, reverse selectable, and forward selection, providing versatility when administering vaccinations. Most of our injectors come with three draw-off cap sizes and a tube to fit most 50mL – 500mL bottle sizes (refer to the description of each injector for specific details). Constructed with strong, durable material, they ensure long-lasting performance.

Metal injectors are exceptionally robust, offering maximum durability and reliability in any environmental conditions. They are highly accurate and versatile, with easy-to-read barrel dose graduations. The superior ergonomic design features an easy-to-push handle for prolonged use across a variety of livestock.

Compact injectors are both durable and economical. This award-winning design offers variable dose control selection and is easily interchangeable from a tube-fed to a bottle mount. Designed to be compatible with our topical pour-on and oral drench nozzles, it comes in three dose range sizes. For assembly instructions, see page 10.

Features & Benefits:



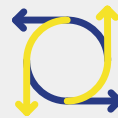
COMFORTABLE
GRIP HANDLE



DOSE
ACCURACY



TEXTURED
NON-SLIP FINISH



VERSATILITY



DURABILITY

TUBE FED INJECTORS

PREMIUM**2mL Selectable
Tube Fed Injector**

Dose Range: 0.2mL – 2mL
Dose Increments: 0.2mL
Includes: 20mm, 27mm & 33mm
Draw-off Caps; Tube

850 0013-924

PREMIUM**5mL Forward Selectable
Tube Fed Injector**

Dose Range: 0.5mL – 5mL
Dose Increments: 0.5mL
Includes: 20mm, 27mm & 33mm
Draw-off Caps; Tube

850 0000-026

PREMIUM**12mL Hi-Viscosity Reverse
Selectable Tube Fed Injector**

For dense medications.
Dose Range: 2.5mL – 12mL
Dose Increments: 0.5mL
Includes: 20mm, 27mm & 33mm
Draw-off Caps; Tube

850 0000-003

**1mL Automatic Metal
Variable Tube Fed Injector**

Dose Range: 0.1mL – 1mL
Dose Increments: 0.1mL
Includes: Tube; Lubricant Bottle

850 0000-678
50 0001-326 SERVICE KIT

**2mL Automatic Metal
Variable Tube Fed Injector**

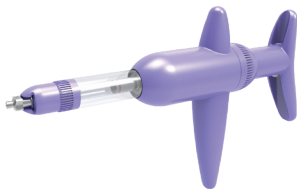
Dose Range: 0.2mL – 2mL
Dose Increments: 0.2mL
Includes: Tube; Lubricant Bottle

850 0000-435
850 0000-435 SERVICE KIT

**5mL Automatic Metal
Variable Tube Fed Injector**

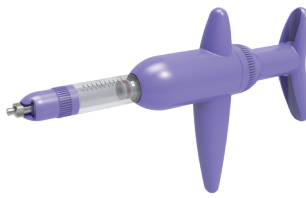
Dose Range: 0.5mL – 5mL
Dose Increments: 0.5mL
Includes: Tube; Lubricant Bottle

850 0000-013
850 0000-055 SERVICE KIT

**1mL Compact Variable
Tube Fed Injector**

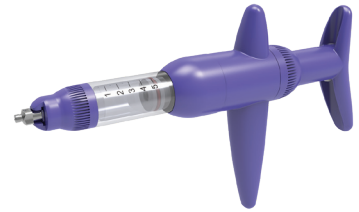
Dose Range: 0.1mL – 1mL
Dose Increments: 0.1mL
Includes: 20mm, 27mm & 33mm Draw-Off Caps; Tube

850 0000-016

**2mL Compact Variable
Tube Fed Injector**

Dose Range: 0.2mL – 2mL
Dose Increments: 0.2mL
Includes: 20mm, 27mm & 33mm Draw-Off Caps; Tube

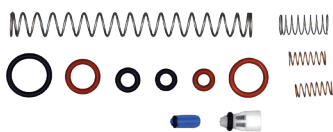
850 0000-017

**5mL Compact Variable
Tube Fed Injector**

Dose Range: 0.5mL – 5mL
Dose Increments: 0.5mL
Includes: 20mm, 27mm & 33mm Draw-Off Caps; Tube

850 0000-018

TUBE FED ACCESSORIES

**2mL Metal Automatic
Tube Fed Major Kit**

Includes: Cylinder (Barrel); (4) O-rings; Values &
Springs; Return Spring

850 0000-435

**5mL Metal Automatic
Tube Fed Major Kit**

Includes: Cylinder (Barrel); O-ring; Piston Washer;
Cup Support Washer; Head Seal Washer

850 0000-055

**27mm Vented
Draw-off Cap**

850 0000-098

Spare Draw-Off Kit with Tube



Includes: 5ft Tube; 20mm Draw-off Cap;
27mm Draw-off Cap; 33mm Draw-off Cap

850 0004-384

BOTTLE MOUNT INJECTORS

PREMIUM

0.5mL Forward Selectable Bottle Mount Injector



Dose Range: 0.1mL – 0.5mL
Dose Increments: 0.1mL
Includes: 100mL Bottle Shroud;
Large Bottle Adapter

850 0000-004

PREMIUM

2mL Forward Selectable Bottle Mount Injector



Dose Range: 0.1mL – 2mL
Dose Increments: 0.1mL
Includes: 100mL Bottle Shroud;
Large Bottle Adapter

850 0000-007

PREMIUM

5mL Variable Bottle Mount Injector



Dose Range: 0.5mL – 5mL
Dose Increments: 0.5mL
Includes: 100mL Bottle Shroud;
Large Bottle Adapter

850 0000-023
850 0000-355 SERVICE KIT

0.5mL Bottle Mount Variable (BMV) Injector



Dose Range: 0.1mL – 0.5mL
Dose Increments: 0.1mL
Includes: 20mm Small Bottle Adapter

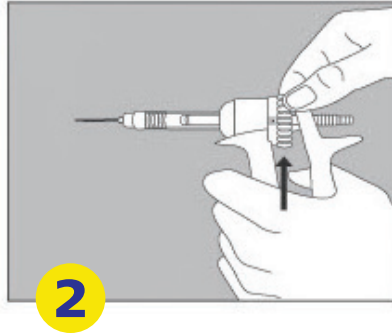
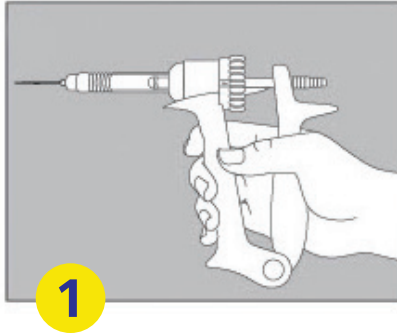
850 0000-021

2mL Bottle Mount Variable (BMV) Injector

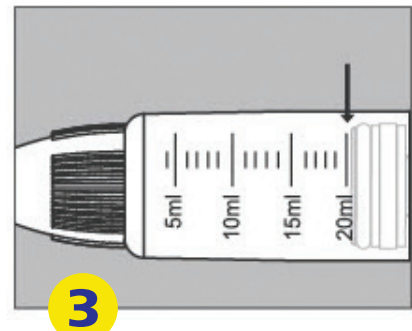
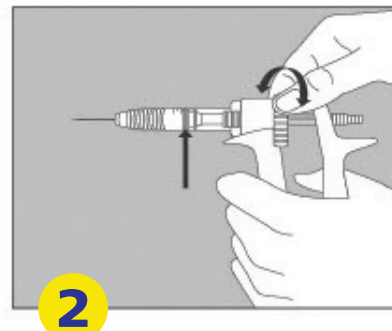
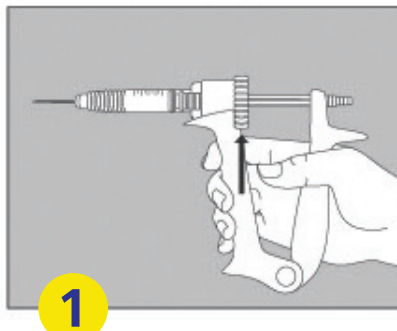


Dose Range: 0.2mL – 2mL
Dose Increments: 0.2mL
Includes: 20mm Small & 30mm Large Bottle Adapter

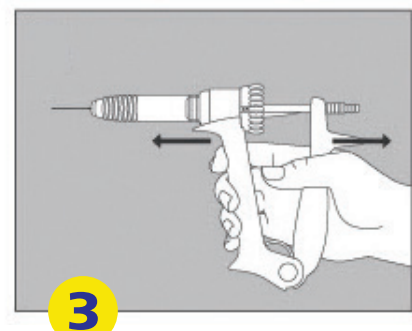
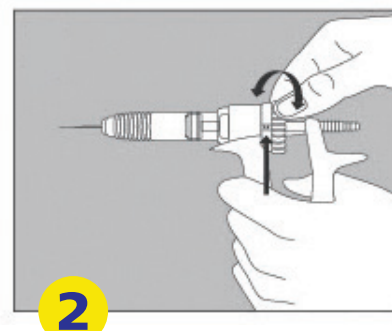
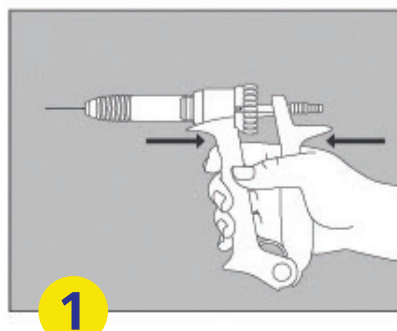
850 0000-025

ASSEMBLY INSTRUCTIONS**Fixed Instructions:**

(1) Device has one fixed dose option printed on the indicator window. (2) Dose selector is present on the device but cannot be moved.

Variable Instructions:

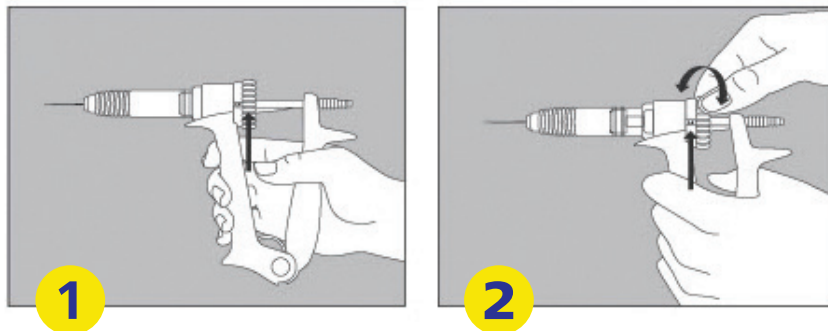
To set the dose, rotate the dose selector (1) either clockwise or counterclockwise until the front of the plunger aligns with the required dose marked on the barrel (2-3).

Forward Selectable Instructions:

To set the dose, squeeze the injector handles (1). Then, turn the dose selector clockwise or counterclockwise until the desired dose is visible in the dose window (2). Once the required dose is displayed, release the injector handles to open them as usual (3).

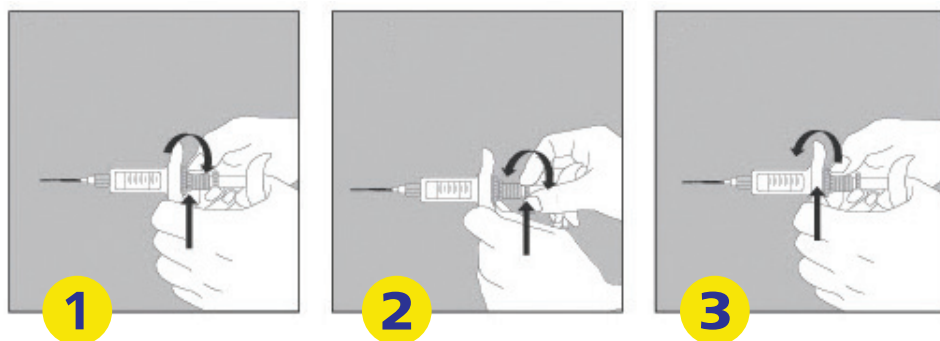
ASSEMBLY INSTRUCTIONS

Reverse Selectable Instructions:



To set the dose, rotate the dose selector (1) either clockwise or counterclockwise until the desired dose is visible in the dose window (2).

Nylon Syringe / Variable Lock Instructions:



To set the dose, first, turn the nut lock counterclockwise. Then, (2) rotate the dose selector either clockwise or counterclockwise until the front of the plunger aligns with the required dose indicated on the barrel. Finally, turn the nut lock clockwise to secure the dose setting (3).

VS Injectors & Dose Conversion Kits

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The ultimate all-in-one injector

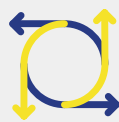
The VS Injector is designed with ultimate flexibility for cattle producers. Packed with features to protect both people and livestock, it delivers accurate fixed-dose volumes safely and effectively. The ergonomic design provides a comfortable grip for sustained use. This assembly is adaptable, transitioning seamlessly from a bottle mount to a tube-fed injector. Interchangeable dose chambers are available in 0.5mL, 1mL, 2mL, and 5mL sizes, each easily identifiable by its color-coded ID band. It adheres to treatment protocols by providing accurate and precise fixed doses for a variety of vaccines and medications. The entire injector can be boiled to meet sterilization protocols, ensuring sanitation and food safety standards are met. Color ID bands simplify matching the injector to a specific treatment. Easily administer subcutaneous and intramuscular injections to comply with Beef Quality Assurance (BQA) requirements, promoting animal well-being.

For assembly instructions, see page 15.

Features & Benefits:



ERGONOMIC
DESIGN



VERSATILITY



COMPLIANCE



IDENTIFICATION
BANDS



ANIMAL
WELL-BEING



SANITATION &
FOOD SAFETY

Dose Conversion Kits

Dose Conversion Kits are explicitly designed for the VS Injector, offering additional dose configurations for a variety of vaccines and animal treatments. When paired with the versatile VS Injector, these kits enable the administration of precise subcutaneous and intramuscular injections, ensuring accurate dosage and efficient delivery. This not only promotes optimal animal welfare but also enhances operator safety.

For assembly instructions, see page 14.

VS INJECTORS

2mL Fixed Dose VS Injector
Non-needle Guard



Includes: Non-needle Guard Assembly; (3) Draw-off Caps;
(2) Needle Removal Tools; (4) Color ID Bands

850 0005-110

5mL Fixed Dose VS Injector
Non-needle Guard



Includes: Non-needle Guard Assembly; (3) Draw-off Caps;
(2) Needle Removal Tools; (4) Color ID Bands

850 0005-111

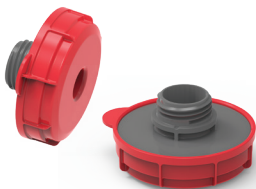
VS INJECTOR ACCESSORIES

Multicolored
Ink Stamps (5pk)



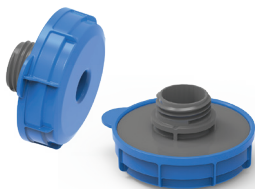
850 0004-304

Red Ink Stamp



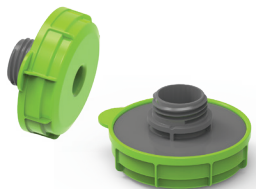
850 0004-299

Blue Ink Stamp



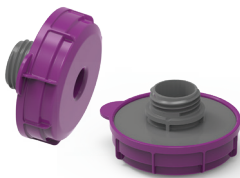
850 0004-300

Green Ink Stamp



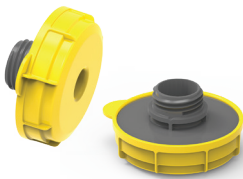
850 0004-301

Purple Ink Stamp



850 0004-302

Yellow Ink Stamp



850 0004-303

Non-Needle Guard
Assembly



850 0004-140

100mL Bottle Mount
Shroud



850 0004-142

VS INJECTOR ACCESSORIES

**2mL – 5mL
Valve Assembly Kit**

Includes:
(2) valves; 15mL lubricant

850 0004-139

**0.1mL – 1mL
Valve Assembly Kit**

Includes:
(2) valves; 15mL lubricant

850 0004-138

**1" Need Guard
Assembly**

850 0004-315

**1.5" Needle Guard
Assembly**

850 0004-316

**Needle Guard
Front Cap**

850 0004-317

**Red ID Color
Band Ring**

850 0004-318

**Blue ID Color
Band Ring**

850 0004-321

**Green ID Color
Band Ring**

850 0004-319

**Yellow ID Color
Band Ring**

850 0004-320

**Orange ID Color
Band Ring**

850 0004-322

**0.5mL
Dose Chamber**

Includes:
(5) Dose Chamber; (10) Spare O-rings;
15mL Lubricant Bottle

850 0004-490

**1mL
Dose Chamber**

Includes:
(5) Dose Chamber; (10) Spare O-rings;
15mL Lubricant Bottle

850 0004-491

**2mL
Dose Chamber**

Includes:
(5) Dose Chamber; (10) Spare O-rings;
15mL Lubricant Bottle

850 0004-492

**5mL
Dose Chamber**

Includes:
(5) Dose Chamber; (10) Spare O-rings;
15mL Lubricant Bottle

850 0004-493

0.5mL Dose Conversion Kit



Dose Range: 0.1mL – 0.5mL
Dose Increments: 0.05mL
Includes: 9 Dose Conversion Assemblies; O-rings; 15mL Lubricant

850 0004-874 NJP
850 0004-638 SIM

1mL Dose Conversion Kit



Dose Range: 0.5mL – 1mL
Dose Increments: 0.05mL
Includes: 11 Dose Conversion Assemblies; O-rings; 15mL Lubricant

850 0004-875 NJP
850 0004-639 SIM

2mL Dose Conversion Kit



Dose Range: 1mL – 2mL
Dose Increments: 0.1mL
Includes: 11 Dose Conversion Assemblies; O-rings; 15mL Lubricant

850 0004-876 NJP
850 0004-640 SIM

5mL Dose Conversion Kit



Dose Range: 2mL – 5mL
Dose Increments: 0.5mL
Includes: 7 Dose Conversion Assemblies; O-rings; 15mL Lubricant

850 0004-877 NJP
850 0004-641 SIM

DOSE CONVERSION KIT ASSEMBLY

1. Remove the Needle Guard Assembly by locking it and pulling the locking ring forward, keeping the handset locked.
2. Slide the Dose Chamber down and forward to detach it from the Handset.
3. Unscrew the Retainer Cap.
4. Use the Needle Guard Assembly to unlock the assembly and compress the Needle Guard into the housing to expose two prongs. With one of these prongs, push upwards on the Plunger Head (from the underside) to remove the Retainer

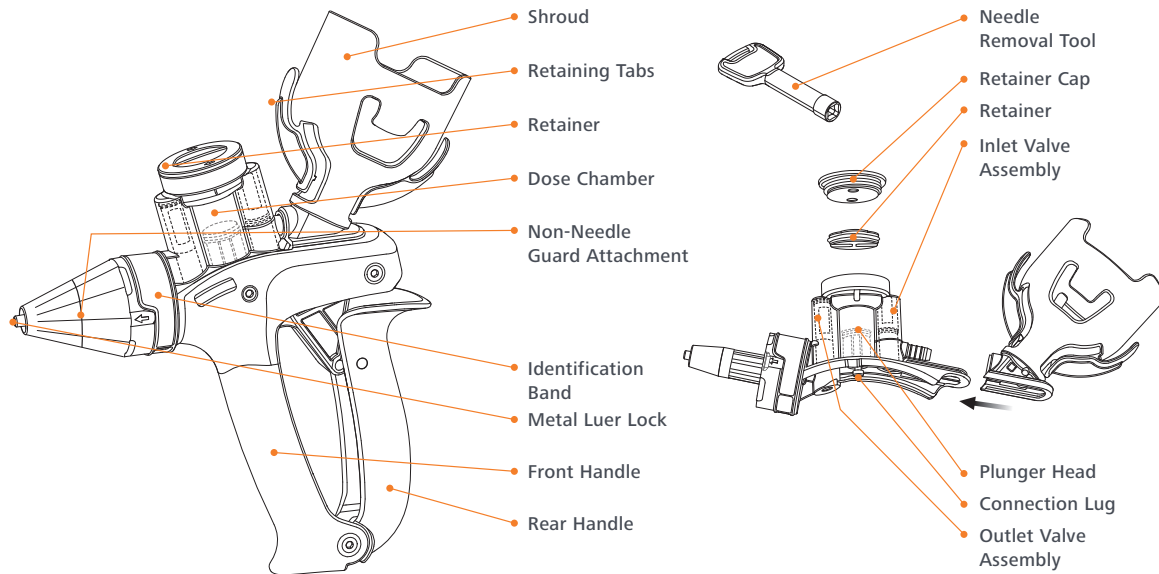
and Plunger Head from the Dose Chamber. NOTE: A needle sheath is also suitable if no Needle Guard Assembly is present.

5. Choose the appropriate Plunger Head, lubricate the o-ring, insert it into the Dose Chamber, and secure it with the Retainer Cap.
6. Slide the Dose Chamber back onto the handset, ensuring correct alignment with the Plunger Push Rod.
7. Replace the Needle Guard assembly by locking it and pushing it back into the Dose Chamber.

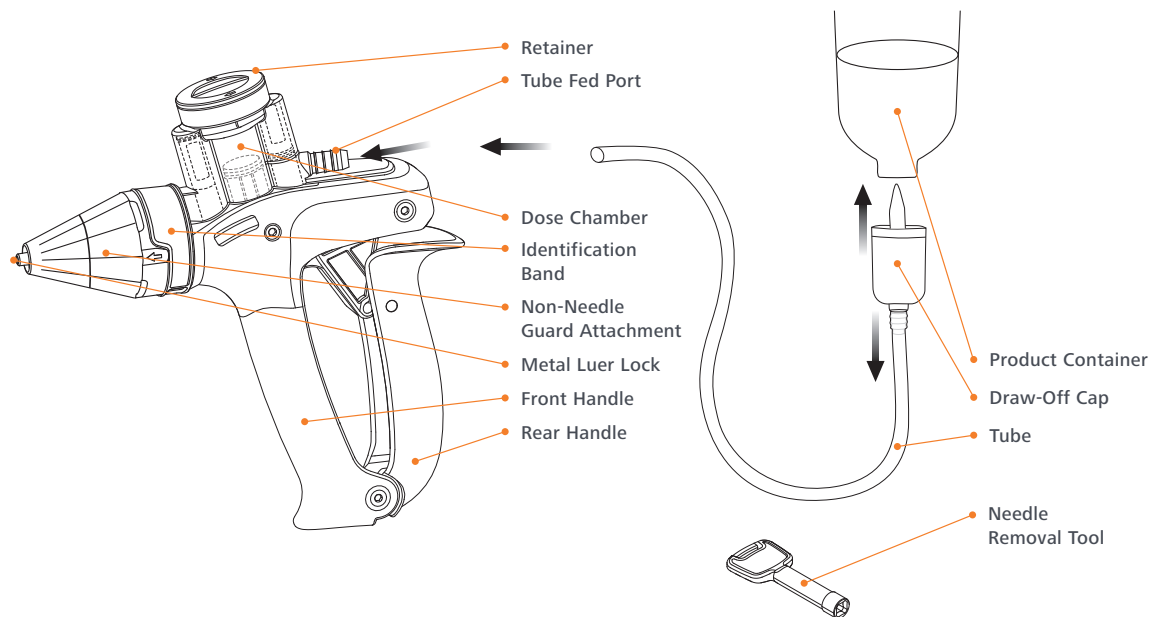
NOTE: Remove plungers from family tree by rotating them for the connection break—cutting is not necessary. Remember to lubricate o-rings before use. Use black inlet and outlet valve assemblies for low dose applications.

VS INJECTOR ASSEMBLY

Bottle Mount Assembly



Tube Fed Assembly



NOTE: For full assembly instructions for the VS Injector or Dose Conversion Kits, refer to the *user manual*.

Metal & Pistol Grip

Repeater Syringes

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Metal Repeater Syringes

NJ Phillips 25mL / 50mL Metal Repeater Injector features an ergonomic handle designed for the mass administration of various vaccines. This injector is easy to clean and maintain, with fixed settings that ensure convenience and efficiency. The dosages are in 0.5mL graduations and the injector fills through the tip.

Pistol Grip Repeater Syringes

NJ Phillips 25mL / 50mL Pistol Grip Repeater Injector offers 5 fixed-dose settings for cost-effective, reliable, and durable use. With a built-in needle magazine for time efficiency and ergonomic fingertip action, it doses in 1.0mL graduations. Injectors fill through the tip and saves time when changing out needles. Additionally, this product is available with a Polypropylene Barrel option for increased chemical resistance.

Features & Benefits:



ERGONOMIC
DESIGN



EASY TO
CLEAN

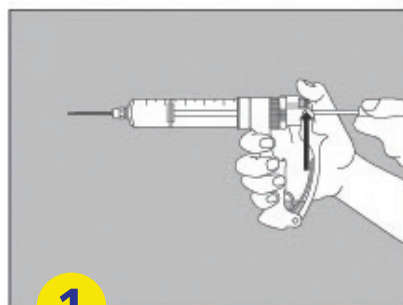


EFFICIENCY

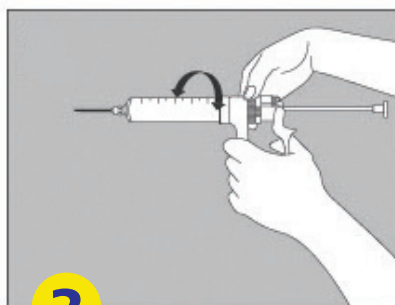


VARIETY OF
VACCINES

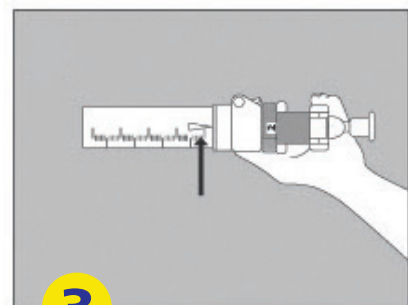
REPEATER ASSEMBLY



1



2



3

To set the dose, first, press the button on top of the device, ensuring that the spring underneath is fully compressed. Then, pull the barrel plunger to the back of the barrel (1). Next, turn the dose selector either clockwise or counterclockwise (2) until the desired dose aligns with the arrow at the top of the device (3).

REPEATER SYRINGES

25mL / 50mL Metal Polysulfone Barrel Repeater Syringe

- Ergonomic Handle
- Accuracy
- Administers Multiple Vaccines
- Robust Durability
- Fixed Dose Settings
- Service Kit Available

25mL Dose Range: 0.5mL – 25mL

25mL Dose Increments: 0.5mL

50mL Dose Range: 1mL – 50mL

50mL Dose Increments: 1mL

Includes: O-ring



25mL 850 0000-423
50mL 850 0000-440

25mL / 50mL Pistol Grip Polysulfone Barrel Repeater Syringe

- Ergonomic Finger Tip Action
- Accuracy
- Administers Multiple Vaccines
- Robust Durability
- Fixed Dose Settings
- Service Kit Available

25mL Dose Range: 0.5mL – 25mL

25mL Dose Increments: 0.5mL

50mL Dose Range: 1mL – 50mL

50mL Dose Increments: 1mL

Includes: Wrench



25mL 850 0000-040
50mL 850 0000-041

25mL / 50mL Pistol Grip Polypropylene Barrel Repeater Syringe

- Polypropylene barrel for increased chemical resistance
- Ergonomic Finger Tip Action
- Accuracy
- Administers Multiple Vaccines
- Robust Durability
- Fixed Dose Settings
- Service Kit Available

25mL Dose Range: 0.5mL – 25mL

25mL Dose Increments: 0.5mL

50mL Dose Range: 1mL – 50mL

50mL Dose Increments: 1mL

Includes: Wrench



25mL 850 0000-044
50mL 850 0000-045

REPEATER ACCESSORIES

25mL Polysulfone Barrel Repeater Major Kit

- Barrel fits metal & plastic repeaters

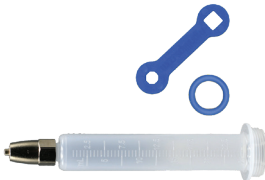


Dose Range: 0.5mL – 25mL
Dose Increments: 0.5mL
Includes: (1) Polysulfone Barrel; (1) O-ring

850 0000-058

25mL Polypropylene Barrel Repeater Major Kit

- Barrel fits metal & plastic repeaters



Dose Range: 0.5mL – 25mL
Dose Increments: 0.5mL
Includes: (1) Polypropylene Barrel; (1) O-ring; (1) Wrench

850 0000-232

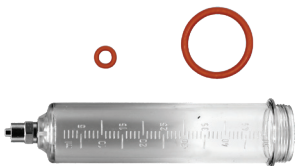
Color Repeater Knobs



850 0000-000 4/PK

50mL Polysulfone Barrel Repeater Major Kit

- Barrel fits metal & plastic repeaters



Dose Range: 1mL – 50mL
Dose Increments: 1mL
Includes: (1) Polysulfone Barrel;
(1) Large O-ring; (1) Small O-ring

850 0000-054

50mL Polypropylene Barrel Repeater Major Kit

- Barrel fits metal & plastic repeaters



Dose Range: 1mL – 50mL
Dose Increments: 1mL
Includes: (1) Polypropylene Barrel; (1) O-ring; (1) Wrench

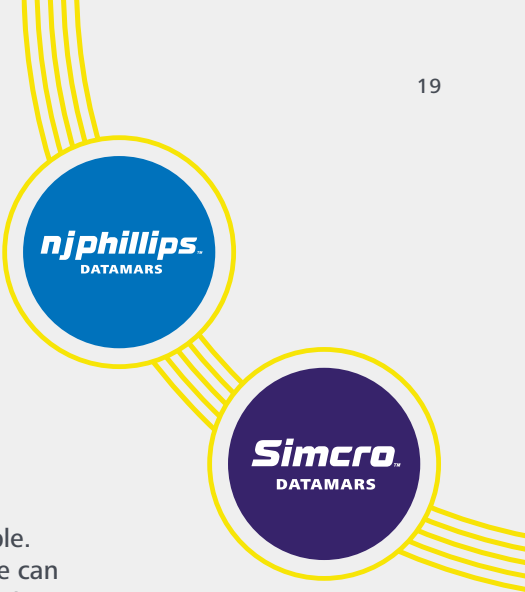
850 0000-057

25mL / 50mL Repeater O-Rings (5pk)



25mL 850 0000-140 5PK
50mL 850 0000-143 5PK

Nylon Syringes



Nylon syringes are designed for one-hand operation and are easy to disassemble. Our nylon syringes fill through the tip and have an ergonomic handle. The dose can be easily set using the dosing lock, conveniently located just above the barrel. These injectors are reusable and easy to clean, making them an essential tool for any operation. See page 11 for assembly instructions.

10mL Nylon Selectable Syringe



Dose Range: 1mL – 10mL
Dose Increments: 1mL
Includes: Large & Small Plunger O-rings; Metal Luer Lock

850 0005-066

20mL Nylon Selectable Syringe



Dose Range: 1mL – 20mL
Dose Increments: 1mL
Includes: Large & Small Plunger O-rings; Metal Luer Lock

850 0005-067

30mL Nylon Selectable Syringe



Dose Range: 1mL – 30mL
Dose Increments: 1mL
Includes: Large & Small Plunger O-rings; Metal Luer Lock

850 0005-068

50mL Nylon Selectable Syringe



Dose Range: 5mL – 50mL
Dose Increments: 5mL
Includes: Large & Small Plunger O-rings; Metal Luer Lock

850 0005-069

ACCESSORIES

Drench Nozzle



Includes: Large & Small Plunger O-rings; Metal Luer Lock

850 0005-070

Backpack Solutions



Large-volume Vaccination Solutions

Our selection of large-volume vaccination products ensures easy transport and convenience. These items can be seamlessly integrated with our animal health devices to create a comprehensive delivery solution.

2.5L Backpack with Storage Pocket



- Ergonomic Handle
- Can Sit Upright on a Flat Surface
- Pocket Storage for Straps & Caps
- Tamper Evident

Includes: Upright Draw Off Cap; Cone Cap; Strap

850 0013-915

5L Backpack with Storage Pocket

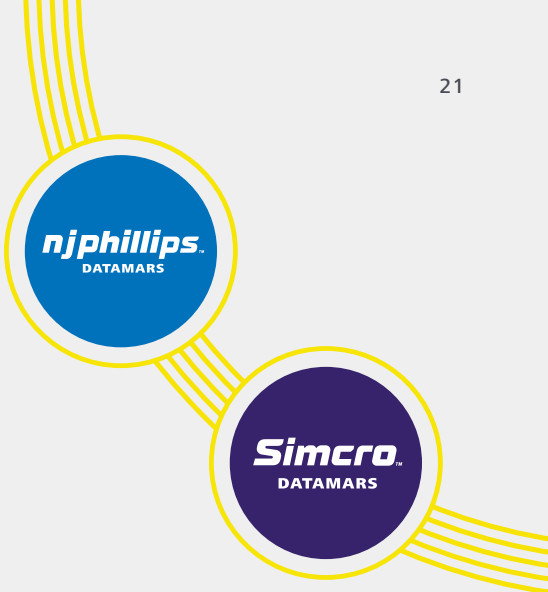


- Ergonomic Handle
- Can Sit Upright on a Flat Surface
- Pocket Storage for Straps & Caps
- Tamper Evident

Includes: Upright Draw Off Cap; Cone Cap; Strap

850 0013-914

Pour-on & Oral Drenchers



Our Pour-on and Oral Drencher product line is designed with ergonomic aesthetics to minimize hand strain during extended use. These options come with selectable and variable dose control settings, catering to various dose ranges suitable for swine, goats, cattle, and horses.

Specifically tailored for administering a wide range of oral anthelmintics, our Oral Drenchers prioritize operator comfort, ease of administration, accuracy, and durability. Years of refinement have yielded a comprehensive range of oral options, featuring tube-fed connections and non-drip nozzles for added convenience. Furthermore, the Oral Drencher design is reliable and robust, making it suitable for use in demanding environments.

Our Pour-on applicators boast a smooth-action V-grip handle, selectable 'dial-a-dose' adjustment, and an angled nozzle with an in-built diffuser. The angled nozzle can be rotated and locked at the desired angle, while the diffuser helps minimize run-off during higher application rates. Additionally, the dose adjustment system is user-friendly.

Features & Benefits:



ERGONOMIC
DESIGN



MAXIMIZE
EFFICIENCY



ACCURACY



DURABLE
CONSTRUCTION



VARIETY OF
VACCINES

POUR-ONS & ORAL DRENCHERS

15mL Variable Tube Fed Pour-on & Oral Drencher Applicator



Dose Range: 1mL – 15mL
Dose Increments: 1mL
Includes: Tube; 1/4" Oral Drench Nozzle

850 0000-049

15mL Reverse Selectable The Ranch Pack Applicator



Dose Range: 1mL – 15mL
Dose Increments: 0.5mL
Includes: 15mL Optimiser™ Injector; 15mL barrel; Metal Drench Nozzle; Plastic Pour-on Nozzle; Tube; 20mm, 27mm, 33mm Draw-off Caps; (4) 16G 1/2" Needles

850 0000-010

20mL Metal Variable Oral Drencher Applicator



Dose Range: 1mL – 20mL
Dose Increments: 1mL
Drench Kit Includes: 6" Nozzle; Tube; Spring; Adaptor Kit; Lubrication Oil
Injector Conversion Kit Includes: Tube; Inlet Spigot; Luer Lock Needle attachment; Needle Hub Spanner

850 0000-419
850 0001-236 INJECTOR CONVERSION KIT

30mL Variable Tube Fed Oral Drencher Applicator



Dose Range: 1mL – 30mL
Dose Increments: 0.5mL
Includes: 450mm Cattle Nozzle; Tube; Springs

850 0000-036

60mL Variable Tube Fed Pour-on Applicator



Dose Range: 5mL – 60mL
Dose Increments: 5mL
Includes: Tube; Pour-on Nozzle

850 0000-050

70mL Magnum Selectable Tube Fed Pour-on Applicator



Dose Range: 10mL – 70mL
Dose Increments: 2.5mL
Includes: Tube

850 0000-047

ACCESSORIES

20mL Metal Oral Drencher Major Kit



Includes: Cylinder (Barrel); (5) O-rings; Values & Springs; Return Spring; Piston; Level Pad; CirClip; Lubricant Bottle; Lubricating Washer; Pushrod Guide

850 0000-433

Production Products



njphillips
DATAMARS



Simcro
DATAMARS

PowerMaster Series

The PowerMaster Series—a robust, user-friendly powered device designed for the administration of injectable, topical, and oral animal health vaccines. It ensures precise and consistent dosing at the beginning and end of each run. Engineered to meet the demands of high-productivity livestock operations, the PowerMaster Series guarantees durability and ease of use. For assembly instructions, see page 25.

- ✓ Powered by Compressed Air
- ✓ Ergonomic Handle for Relaxed Grip
- ✓ Accurate Dose Delivery
- ✓ Quick Refill Action
- ✓ Administers a Variety of Medications
- ✓ Easy-to-Clean Removable Barrel
- ✓ Repair & Service Kits Available

VS Injector Bottle Mount & Tube Fed with Needle Guard

The VS Injector with Needle Guard is designed with ultimate flexibility for swine producers.

- ✓ Ergonomic Design
- ✓ Versatility
- ✓ Compliance
- ✓ Sanitation & Food Safety
- ✓ Vaccine Identification Bands
- ✓ Animal Well-being

PRODUCTION PRODUCTS

15mL PowerMaster Pneumatic Air Tube Fed Injector



Special Order Only
Dose Range: 1mL – 15mL
Dose Increments: 1mL
Includes: Injector; Tube (114mm X 1500mm)

850 0000-038
850 0000-233 SERVICE KIT

50mL PowerMaster Pneumatic Air Tube Fed Oral Drencher Applicator



Special Order Only
Dose Range: 5mL – 50mL
Dose Increments: 2.5mL
Includes: Drencher; 11" Stainless Steel Hook Nozzle;
Tube Feed Hose (114mm X 1500mm)

850 0000-037
850 0000-148 SERVICE KIT

65mL PowerMaster Pneumatic Air Tube Fed Pour-on Applicator



Special Order Only
Dose Range: 5mL – 65mL
Dose Increments: 5mL
Includes: Pour-on; Tube (114mm X 1500mm)

850 0000-039
850 0000-139 SERVICE KIT

VS Injector with Needle Guard

For more information, see page 11
and assembly instructions on page 15.



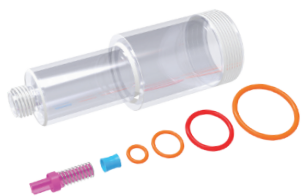
2mL Injector Dose Range: 1mL – 2mL
Dose Increments: 0.1mL

5mL Injector Dose Range: 1mL – 2mL
Dose Increments: 0.5mL

850 0004-130 TF
850 0004-131 TF
850 0004-132 TF
850 0004-133 TF
850 0004-134 BM
850 0004-135 BM
850 0004-136 BM
850 0004-137 BM

ACCESSORIES

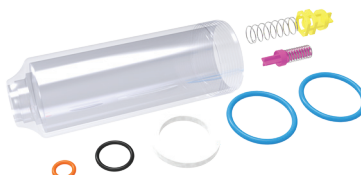
15mL PowerMaster Tube Fed Major Kit



Includes: Cylinder (Barrel); O-rings; Value & Spring

850 0000-233

50mL PowerMaster Oral Drencher Major Kit



Includes: Cylinder (Barrel); O-rings; Value & Spring

850 0000-148

65mL PowerMaster Pour-on Major Kit

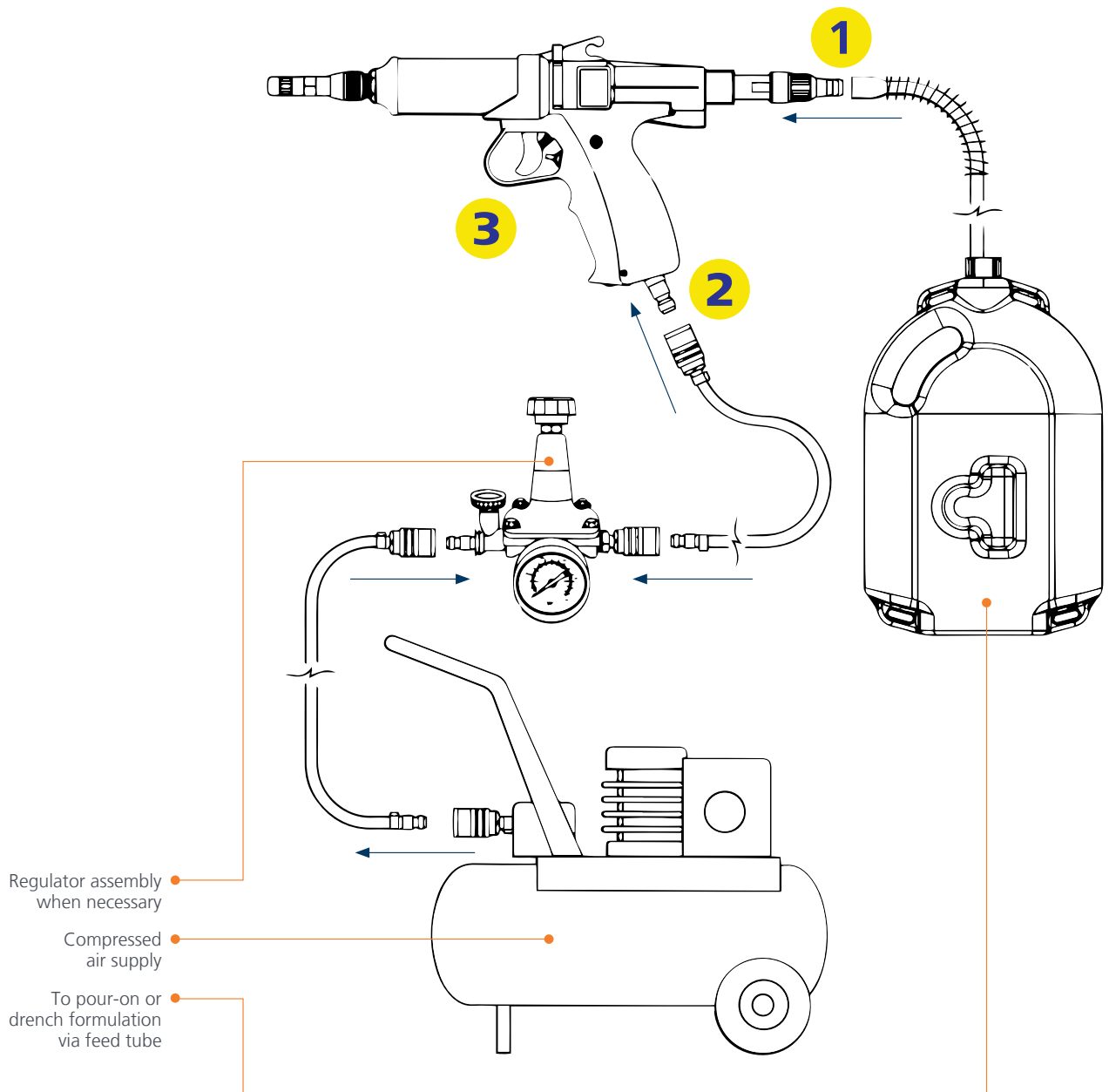


Includes: Cylinder (Barrel); O-rings; Values & Springs

850 0000-139

POWERMASTER ASSEMBLY

1. Connect the feed tube to the PowerMaster
2. Connect the air supply from the compressor
3. Prime the PowerMaster and it's ready to operate



See instructional manual for full details on operating this device.

2.5L Backpack: 850 0000-068
5L Backpack: 850 0000-069

Choosing the Correct Needle or Syringe

njphillips.
DATAMARS

Simcro.
DATAMARS

Needle and syringe sizes vary based on factors like animal species, size, and injection type.

1

What type of injection or route of administration does the vaccine or treatment product require?

- Intramuscular (IM): Neck or Shoulder muscle
- Subcutaneous (SQ): Space under the skin

2

**Type of Needle:
Aluminum Hub vs Polypropylene Hub**

- Aluminum Hub: Durable, Multi-Use
- Polypropylene Hub: Single Injections, Small Animal & Equine

3

Type of Syringe

- Luer Lock: Secure connection by threading for a "locking" fit onto the syringe.
- Luer Slip: Quick to change, push on friction-fit connection.
- Catheter Tip: Used for flushing/cleaning catheters, tubes, etc.

4

Determine Needle Size

	SUBCUTANEOUS (SQ)		INTRAMUSCULAR (IM)	
	Gauge	Length	Gauge	Length
Small Animal	22	3/4"	22	1"
Sheep & Goat	20	1/2" - 3/4"	20	1" - 1 1/2"
Swine	18	1/2" - 3/4"	18	1" - 1 1/2"
Piglets	20	1/2"	20	3/4"
Cow	16	3/4" - 1"	16	1" - 1 1/2"
Calf	18	3/4"	18	1"
Equine	20	1"	20	1" - 1 1/2"
Foal	20	3/4"	20	1"

Basic Injection tips

- Always follow label instructions on the product label for proper dosage and administration.
- Ensure a clean and dry injection site to prevent infections.
- Clean the animal's injection site to avoid contamination.
- Choose the smallest practical needle size based on animal size and consider the product viscosity when selecting needle gauge.
- Space multiple injections across several inches or inject different sides of the animal to avoid concentration in one area.

NOTE: The information shown here has been gathered from many sources and with great care. We always recommend consulting your veterinarian about proper and safe injection administration.

RESOURCES

What is Beef Quality Assurance (BQA)?

BQA is a United States producer-driven program focused on science-based production practices that ensure proper husbandry, beef quality, and safety. Its mission is to help producers meet both regulatory and industry standards, with a strong emphasis on continuous improvement.

For educational resources and more information:

Beef Quality Assurance (BQA) Certification – *In-person Training or Online Courses*

National BQA Recognition (*National Cattlemen's Beef Association*)

Livestock Injection Methods & Proper Placement (*Michigan State University*)

For national animal welfare laws, please visit the **U.S. Department of Agriculture** (USDA).

- State Directory: **National Association of State Departments of Agriculture** (NASDA).

Canadian Resources

For educational resources and more information:

Beef Cattle Research Council (BCRC)

Verified Beef Production Plus (VBP+)

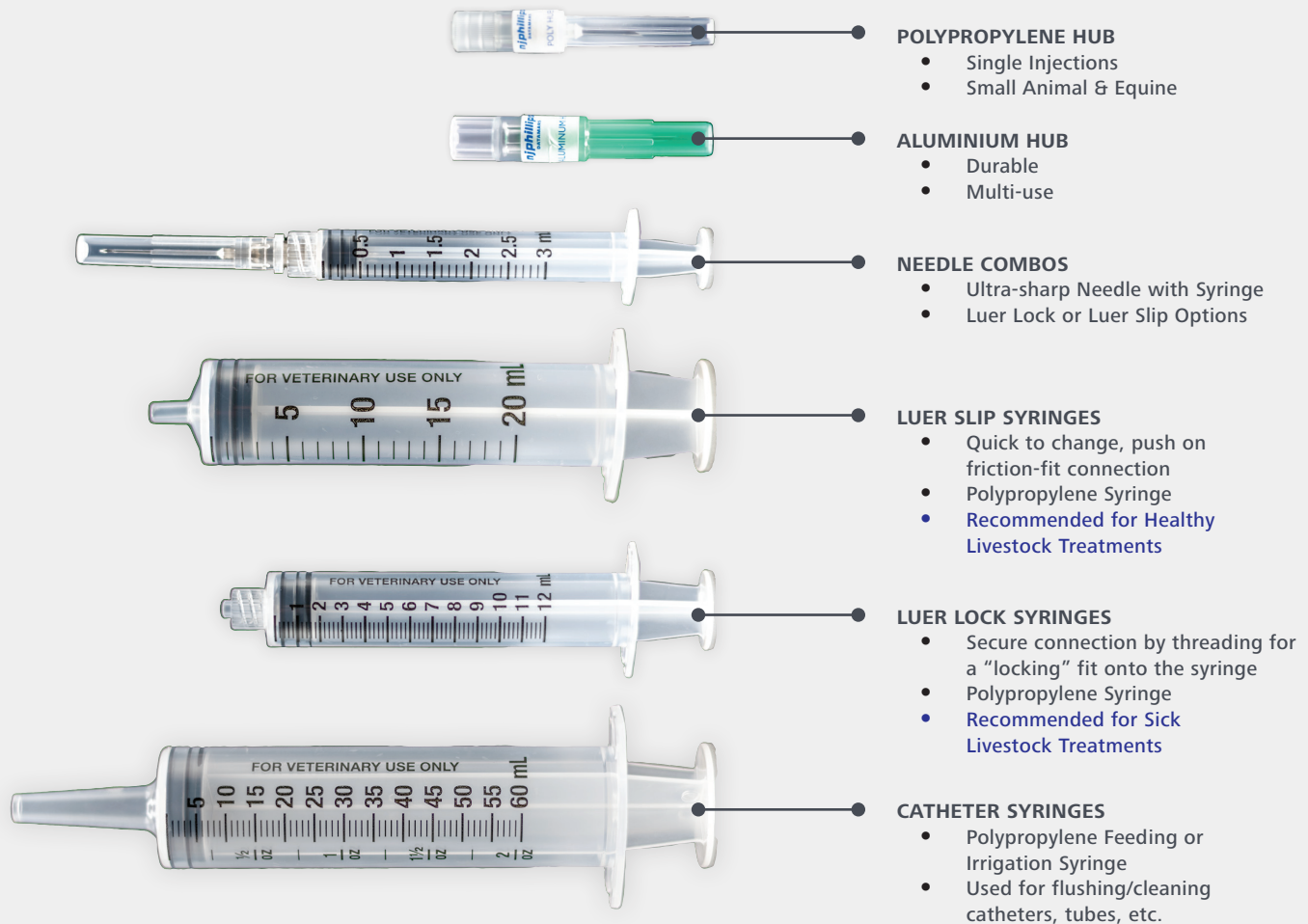
Disposable Needles & Syringes

A complete suite of quality animal health solutions

Our portfolio of Animal Health Delivery Systems (AHDS) includes aluminum and polypropylene needles, polypropylene syringes, and needle combos. Each syringe is equipped with prominent, easy-to-read graduations to ensure accuracy when administering vaccines and medications. The aluminum and polypropylene needles are ultra-sharp and feature a color-coded cap for effortless gauge identification. A full suite of disposable animal health solutions.

Key Features

- Single use disposable
- Syringes meet ISO dose volume accuracy (ISO 7886-1)
- Color-coded needle caps
- Retail & bulk packaging varieties
- Common sizes
- Anti-friction coating
- Tamper-evident sealed
- Ethylene Oxide (EtO) sterile
- Stainless steel cannula
- All species use



SPECIFICATIONS

ALUMINUM HUB NEEDLES

	SKU	UPC	Weight	Quantity	Dimensions
16G Aluminum Hub 5/8" Needle (100Pk)	850 0005-118	846353015830 Pk 846353016158 Ct	.3KG Pk 2.9KG Ct 11.4KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	8" x 2.4" x 2" Pk 11.2" x 8.3" x 5.5" Ct 17.3" x 11.8" x 12" Cs
16G Aluminum Hub 3/4" Needle (5Pk)	850 0005-004	846353012938 Pk 846353015236 Ct	17G Pk 3KG Ct 12KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
16G Aluminum Hub 3/4" Needle (100Pk)	850 0005-116	846353015816 Pk 846353016134 Ct	.3KG Pk 2.9KG Ct 11.4KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	8" x 2.4" x 2" Pk 11.2" x 8.3" x 5.5" Ct 17.3" x 11.8" x 12" Cs
16G Aluminum Hub 1" Needle (5Pk)	850 0005-005	846353012945 Pk 846353015212 Ct	17G Pk 3KG Ct 12KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
16G Aluminum Hub 1" Needle (25Pk)	850 0005-035	846353013249 Pk 846353015229 Ct	62G Pk 3.63KG Ct 14.5KG Cs	25 Ea per Pk 50 Pks per Ct 4 Cts per Cs	6" x 4" x 1.4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
16G Aluminum Hub 1" Needle (100Pk)	850 0005-117	846353015823 Pk 846353016141 Ct	.3KG Pk 3KG Ct 11.8KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	8" x 2.4" x 2" Pk 11.2" x 8.3" x 5.5" Ct 17.3" x 11.8" x 12" Cs
16G Aluminum Hub 1 1/2" Needle (5Pk)	850 0005-006	846353012952 Pk 846353015199 Ct	17G Pk 3KG Ct 12KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
16G Aluminum Hub 1 1/2" Needle (25Pk)	850 0005-036	846353013256 Pk 846353015205 Ct	74G Pk 3.63KG Ct 14.5KG Cs	25 Ea per Pk 50 Pks per Ct 4 Cts per Cs	6" x 4" x 1.4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
16G Aluminum Hub 1 1/2" Needle (100Pk)	850 0005-132	846353015977 Pk 846353016295 Ct	.3KG Pk 3.3KG Ct 13.3KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	8" x 3" x 2" Pk 10.6" x 8.3" x 6.5" Ct 17.3" x 11.2" x 14.2" Cs
18G Aluminum Hub 3/4" Needle (5Pk)	850 0005-008	846353012976 Pk 846353015182 Ct	17G Pk 3KG Ct 12KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
18G Aluminum Hub 3/4" Needle (100Pk)	850 0005-119	846353015847 Pk 846353016165 Ct	.3KG Pk 3.3KG Ct 13KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	8" x 2.4" x 2" Pk 11.2" x 8.3" x 5.5" Ct 17.3" x 11.8" x 12" Cs
18G Aluminum Hub 1" Needle (5Pk)	850 0005-009	846353012983 Pk 846353015175 Ct	17G Pk 3KG Ct 12KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
18G Aluminum Hub 1" Needle (100Pk)	850 0005-120	846353015854 Pk 846353016172 Ct	.3KG Pk 2.9KG Ct 11.6KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	8" x 2.4" x 2" Pk 11.2" x 8.3" x 5.5" Ct 17.3" x 11.8" x 12" Cs
20G Aluminum Hub 1" Needle (5Pk)	850 0005-011	846353013003 Pk 846353015427 Ct	17G Pk 3KG Ct 12KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
20G Aluminum Hub 1" Needle (100Pk)	850 0005-121	846353015861 Pk 846353016189 Ct	.3KG Pk 3.3KG Ct 13KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	8" x 2.4" x 2" Pk 11.2" x 8.3" x 5.5" Ct 17.3" x 11.8" x 12" Cs

QUICK GUIDE

16G

18G

20G

22G

Ea = Each
Pk = PackCt = Carton
Cs = Case

SPECIFICATIONS

POLY HUB NEEDLES

	SKU	UPC	Weight	Quantity	Dimensions
16G Poly Hub 5/8" Needle (100Pk)	850 0005-122	846353015878 Pk 846353016196 Ct	.2KG Pk 2.2KG Ct 9KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	7.7" x 2.3" x 2" Pk 10.6" x 8.3" x 5.1" Ct 17.3" x 11.2" x 11.2" Cs
16G Poly Hub 1/2" Needle (5Pk)	850 0005-014	846353013034 Pk 846353015380 Ct	13G Pk 1.25KG Ct 5KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
16G Poly Hub 1/2" Needle (100Pk)	850 0005-123	846353015885 Pk 846353016202 Ct	.2KG Pk 2.2KG Ct 9KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	7.7" x 2.3" x 2" Pk 10.6" x 8.3" x 5.1" Ct 17.3" x 11.2" x 11.2" Cs
16G Poly Hub 1" Needle (5Pk)	850 0005-015	846353013041 Pk 846353015397 Ct	13G Pk 1.25KG Ct 5KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
16G Poly Hub 1" Needle (25Pk)	850 0005-045	846353013348 Pk 846353015403 Ct	46G Pk 2KG Ct 8KG Cs	25 Ea per Pk 50 Pks per Ct 4 Cts per Cs	6" x 4" x 1" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
16G Poly Hub 1" Needle (100Pk)	850 0005-124	846353015892 Pk 846353016219 Ct	.2KG Pk 2.2KG Ct 9KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	7.7" x 2.3" x 2" Pk 10.6" x 8.3" x 5.1" Ct 17.3" x 11.2" x 11.2" Cs
16G Poly Hub 1 1/2" Needle (5Pk)	850 0005-016	846353013058 Pk 846353015410 Ct	13G Pk 1.25KG Ct 5KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
16G Poly Hub 1 1/2" Needle (100Pk)	850 0005-133	846353015984 Pk 846353016301 Ct	.2KG Pk 2.4KG Ct 9.5KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	8" x 3" x 2" Pk 10.6" x 8.3" x 6.5" Ct 17.3" x 11.2" x 14.2" Cs
18G Poly Hub 3/4" Needle (5Pk)	850 0005-017	846353013065 Pk 846353015335 Ct	13G Pk 1.25KG Ct 5KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
18G Poly Hub 3/4" Needle (100Pk)	850 0005-125	846353015908 Pk 846353016226 Ct	.2KG Pk 2.2KG Ct 9KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	7.7" x 2.3" x 2" Pk 10.6" x 8.3" x 5.1" Ct 17.3" x 11.2" x 11.2" Cs
18G Poly Hub 1" Needle (5Pk)	850 0005-018	846353013072 Pk 846353015342 Ct	13G Pk 1.25KG Ct 5KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
18G Poly Hub 1" Needle (25Pk)	850 0005-048	846353013379 Pk 846353015359 Ct	46G Pk 2KG Ct 8KG Cs	25 Ea per Pk 50 Pks per Ct 4 Cts per Cs	6" x 4" x 1" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
18G Poly Hub 1" Needle (100Pk)	850 0005-126	846353015915 Pk 846353016233 Ct	.2KG Pk 2.2KG Ct 9KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	7.7" x 2.3" x 2" Pk 10.6" x 8.3" x 5.1" Ct 17.3" x 11.2" x 11.2" Cs
18G Poly Hub 1 1/2" Needle (5Pk)	850 0005-019	846353013089 Pk 846353015366 Ct	13G Pk 1.25KG Ct 5KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
18G Poly Hub 1 1/2" Needle (25Pk)	850 0005-049	846353013386 Pk 846353015373 Ct	48G Pk 2KG Ct 8KG Cs	25 Ea per Pk 50 Pks per Ct 4 Cts per Cs	6" x 4" x 1" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
18G Poly Hub 1 1/2" Needle (100Pk)	850 0005-134	846353015991 Pk 846353016318 Ct	.2KG Pk 2.3KG Ct 9.3KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	8" x 3" x 2" Pk 10.6" x 8.3" x 6.5" Ct 17.3" x 11.2" x 14.2" Cs

SPECIFICATIONS

POLY HUB NEEDLES

	SKU	UPC	Weight	Quantity	Dimensions
20G Poly Hub 1/2" Needle (5Pk)	850 0005-022	846353013119 Pk 846353015274 Ct	13G Pk 1.25KG Ct 5KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
20G Poly Hub 1/2" Needle (25Pk)	850 0005-052	846353013416 Pk 846353015281 Ct	41G Pk 2KG Ct 8KG Cs	25 Ea per Pk 50 Pks per Ct 4 Cts per Cs	6" x 4" x 1" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
20G Poly Hub 1/2" Needle (100Pk)	850 0005-127	846353015922 Ea 846353016240 Ct	.2KG Pk 2KG Ct 8KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	7.7" x 2.3" x 2" Pk 10.6" x 8.3" x 5.1" Ct 17.3" x 11.2" x 11.2" Cs
20G Poly Hub 3/4" Needle (5Pk)	850 0005-023	846353013126 Pk 846353015298 Ct	13G Pk 1.25KG Ct 5KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
20G Poly Hub 3/4" Needle (25Pk)	850 0005-053	846353013423 Pk 846353015304 Ct	42G Pk 2KG Ct 8KG Cs	25 Ea per Pk 50 Pks per Ct 4 Cts per Cs	6" x 4" x 1" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
20G Poly Hub 3/4" Needle (100Pk)	850 0005-128	846353015939 Ea 846353016257 Ct	.2KG Pk 2KG Ct 8KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	7.7" x 2.3" x 2" Pk 10.6" x 8.3" x 5.1" Ct 17.3" x 11.2" x 11.2" Cs
20G Poly Hub 1" Needle (5Pk)	850 0005-024	846353013133 Pk 846353015311 Ct	13G Pk 1.25KG Ct 5KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
20G Poly Hub 1" Needle (100Pk)	850 0005-129	846353015946 Ea 846353016264 Ct	.2KG Pk 2KG Ct 8KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	7.7" x 2.3" x 2" Pk 10.6" x 8.3" x 5.1" Ct 17.3" x 11.2" x 11.2" Cs
20G Poly Hub 1 1/2" Needle (5Pk)	850 0005-025	846353013140 Pk 846353015328 Ct	13G Pk 1.25KG Ct 5KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
20G Poly Hub 1 1/2" Needle (100Pk)	850 0005-135	846353016004 Ea 846353016325 Ct	.2KG Pk 2.3KG Ct 8.3KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	8" x 3" x 2" Pk 10.6" x 8.3" x 6.5" Ct 17.3" x 11.2" x 14.2" Cs
22G Poly Hub 3/4" Needle (5Pk)	850 0005-027	846353013164 Pk 846353015236 Ct	13G Pk 1.25KG Ct 5KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
22G Poly Hub 3/4" Needle (25Pk)	850 0005-057	846353013461 Pk 846353015243 Ct	41G Pk 2KG Ct 8KG Cs	25 Ea per Pk 50 Pks per Ct 4 Cts per Cs	6" x 4" x 1" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
22G Poly Hub 3/4" Needle (100Pk)	850 0005-130	846353015953 Ea 846353016271 Ct	.2KG Pk 2KG Ct 7KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	7.7" x 2.3" x 2" Pk 10.6" x 8.3" x 5.1" Ct 17.3" x 11.2" x 11.2" Cs
22G Poly Hub 1" Needle (5Pk)	850 0005-028	846353013171 Pk 846353015250 Ct	13G Pk 1.25KG Ct 5KG Cs	5 Ea per Pk 150 Pks per Ct 4 Cts per Cs	4.75" x 4" x .4" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs

SPECIFICATIONS

POLY HUB NEEDLES

	SKU	UPC	Weight	Quantity	Dimensions
22G Poly Hub 1" Needle (25Pk)	850 0005-058	846353013478 Pk 846353015267 Ct	42G Pk 2KG Ct 8KG Cs	25 Ea per Pk 50 Pks per Ct 4 Cts per Cs	6" x 4" x 1" Pk 11" x 8.7" x 7.9" Ct 18.3" x 11.8" x 16.7" Cs
22G Poly Hub 1" Needle (100Pk)	850 0005-131	846353015960 Ea 846353016288 Ct	.2KG Pk 2KG Ct 7KG Cs	100 Ea per Pk 10 Pks per Ct 4 Cts per Cs	7.7" x 2.3" x 2" Pk 10.6" x 8.3" x 5.1" Ct 17.3" x 11.2" x 11.2" Cs

LUER LOCK SYRINGES

	SKU	UPC	Weight	Quantity	Dimensions
3CC Luer Lock Syringe (6Pk)	850 0005-075	846353014543 Ea/Pk 846353015670 Ct	34G Pk 3.25KG Ct 13KG Cs	70 Pks per Ct 4 Cts per Cs	4.5" x 8.5" x 1.5" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
3CC Luer Lock Syringe (100Pk)	850 0005-098	846353014956 Ea 846353014857 Ct 846353015557 Ca	.67KG Ct 16KG Cs	100 Pk per Ct 24 Cts per Cs	8.5" x 5.3" x 5.1" Ct 22" x 17.7" x 16.3" Cs
6CC Luer Lock Syringe (6Pk)	850 0005-076	846353014550 Ea/Pk 846353015687 Ct	47G Pk 4KG Ct 16KG Cs	72 Pks per Ct 4 Cts per Cs	4.5" x 9" x 1.8" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
6CC Luer Lock Syringe (100Pk)	850 0005-099	846353014963 Ea 846353014864 Ct 846353015564 Ca	.83KG Ct 20KG Cs	100 Pk per Ct 24 Cts per Cs	9.3" x 5.5" x 6.9" Ct 22.8" x 19.3" x 21.7" Cs
12CC Luer Lock Syringe (4Pk)	850 0005-077	846353014567 Ea/Pk 846353015694 Ct	50G Pk 3.75KG Ct 15KG Cs	60 Pks per Ct 4 Cts per Cs	4.5" x 9" x 1.8" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
12CC Luer Lock Syringe (100Pk)	850 0005-100	846353014970 Ea 846353014871 Ct 846353015571 Ca	.63KG Ct 15KG Cs	100 Pk per Ct 24 Cts per Cs	8.7" x 6.3" x 9.4" Ct 22.8" x 19.3" x 21.7" Cs
20CC Luer Lock Syringe (4Pk)	850 0005-078	846353014574 Ea/Pk 846353015700 Ct	67G Pk 3.75KG Ct 15KG Cs	40 Pks per Ct 4 Cts per Cs	4.5" x 9.5" x 2" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
20CC Luer Lock Syringe (50Pk)	850 0005-101	846353014987 Ea 846353014888 Ct 846353015588 Ca	1KG Ct 18KG Cs	50 Pk per Ct 18 Cts per Cs	9.8" x 6.3" x 6.7" Ct 20.5" x 19.7" x 21.1" Cs
35CC Luer Lock Syringe (2Pk)	850 0005-079	846353014581 Ea/Pk 846353015717 Ct	56G Pk 3.38KG Ct 13.5KG Cs	45 Pks per Ct 4 Cts per Cs	4.5" x 10.5" x 2.3" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
35CC Luer Lock Syringe (50Pk)	850 0005-102	846353014994 Ea 846353014895 Ct 846353015595 Ca	1.13KG Ct 18KG Cs	50 Pk per Ct 16 Cts per Cs	10.6" x 7.6" x 7.9" Ct 23.2" x 11.2" x 18.7" Cs
60CC Luer Lock Syringe (2Pk)	850 0005-080	846353014598 Ea/Pk 846353015724 Ct	81G Pk 4.13KG Ct 16.5KG Cs	40 Pks per Ct 4 Cts per Cs	4.5" x 11.5" x 2.3" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
60CC Luer Lock Syringe (25Pk)	850 0005-103	846353015007 Ea 846353014901 Ct 846353015601 Ca	.88KG Ct 7KG Cs	25 Pk per Ct 8 Cts per Cs	8.7" x 9.1" x 6.3" Ct 20.1" x 13.4" x 19.1" Cs

SPECIFICATIONS

LUER **SLIP** SYRINGES

	SKU	UPC	Weight	Quantity	Dimensions
3CC Luer Slip Syringe (6Pk)	850 0005-081	846353014604 Ea/Pk 846353015618 Ct	33G Pk 3.25KG Ct 13KG Cs	70 Pks per Ct 4 Cts per Cs	4.5" x 8.5" x 1.5" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
3CC Luer Slip Syringe (100Pk)	850 0005-136	846353016073 Ea 846353016011 Ct 846353016332 Cs	.67KG Ct 16KG Cs	100 Pk per Ct 24 Cts per Cs	8.5" x 5.3" x 5.1" Ct 22" x 17.7" x 16.3" Cs
6CC Luer Slip Syringe (6Pk)	850 0005-082	846353014611 Ea/Pk 846353015625 Ct	45G Pk 4KG Ct 16KG Cs	72 Pks per Ct 4 Cts per Cs	4.5" x 9" x 1.8" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
6CC Luer Slip Syringe (100Pk)	850 0005-137	846353016080 Ea 846353016028 Ct 846353016349 Cs	.83KG Ct 20KG Cs	100 Pk per Ct 24 Cts per Cs	9.3" x 5.5" x 6.9" Ct 22.8" x 19.3" x 21.7" Cs
12CC Luer Slip Syringe (4Pk)	850 0005-083	846353014628 Ea/Pk 846353015632 Ct	49G Pk 3.75KG Ct 15KG Cs	60 Pks per Ct 4 Cts per Cs	4.5" x 9" x 1.8" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
12CC Luer Slip Syringe (100Pk)	850 0005-138	846353016097 Ea 846353016035 Ct 846353016356 Cs	.63KG Ct 15KG Cs	100 Pk per Ct 24 Cts per Cs	8.7" x 6.3" x 9.4" Ct 19.6" x 17.5" x 19.9" Cs
20CC Luer Slip Syringe (4Pk)	850 0005-084	846353014635 Ea/Pk 846353015649 Ct	67G Pk 3.75KG Ct 15KG Cs	40 Pks per Ct 4 Cts per Cs	4.5" x 10" x 2" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
20CC Luer Slip Syringe (50Pk)	850 0005-139	846353016103 Ea 846353016042 Ct 846353016363 Cs	1KG Ct 18KG Cs	50 Pk per Ct 18 Cts per Cs	9.8" x 6.3" x 6.7" Ct 20.5" x 19.7" x 21.1" Cs
35CC Luer Slip Syringe (2Pk)	850 0005-085	846353014642 Ea/Pk 846353015656 Ct	56G Pk 3.38KG Ct 13.5KG Cs	45 Pks per Ct 4 Cts per Cs	4.5" x 10.5" x 2.3" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
35CC Luer Slip Syringe (50Pk)	850 0005-140	846353016110 Ea 846353016059 Ct 846353016370 Cs	1.13KG Ct 18KG Cs	50 Pk per Ct 16 Cts per Cs	10.6" x 7.4" x 7.9" Ct 23.4" x 11.6" x 16.7" Cs
60CC Luer Slip Syringe (2Pk)	850 0005-086	846353014659 Ea/Pk 846353015663 Ct	82G Pk 4.13KG Ct 16.5KG Cs	40 Pks per Ct 4 Cts per Cs	4.5" x 11.5" x 2.3" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
60CC Luer Slip Syringe (25Pk)	850 0005-141	846353016127 Ea 846353016066 Ct 846353016387 Cs	.88KG Ct 7KG Cs	25 Pk per Ct 8 Cts per Cs	8.7" x 9.1" x 6.3" Ct 18.1" x 13.4" x 19.1" Cs

CATHETER TIP SYRINGES

	SKU	UPC	Weight	Quantity	Dimensions
60CC Catheter Tip Syringe (25Pk)	850 0005-093	846353015106 Ea 846353014727 Ct 846353015731 Cs	10KG Ct 60KG Cs	25 Pks per Ct 6 Cts per Cs	9.6" x 9.1" x 6.3" Ct 20.1" x 9.8" x 20.3" Cs

QUICK GUIDE

16G

18G

20G

22G

Ea = Each
Pk = PackCt = Carton
Cs = Case

SPECIFICATIONS

LUER **LOCK** NEEDLE COMBOS

	SKU	UPC	Weight	Quantity	Dimensions
3CC Luer Lock Syringe 22G 3/4" Needle (3Pk)	850 0005-071	846353014505 Ea/ Pk 846353015519 Ct	24G Ea 3.25KG Ct 13KG Cs	3 Ea per Pk 100 Pks per Ct 4 Cts per Cs	10.5" x 4.5" x .9" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
3CC Luer Lock Syringe 22G 3/4" Needle (100Pk)	850 0005-104	846353015151 Ea 846353014918 Ct 846353015472 Cs	.75KG Ct 18KG Cs	100 Pk per Ct 24 Cts per Cs	8.5" x 7.5" x 5.1" Ct 23.2" x 17.7" x 21.5" Cs
3CC Luer Lock Syringe 22G 1" Needle (3Pk)	850 0005-072	846353014512 Ea/ Pk 846353015526 Ct	24G Ea 3.25KG Ct 13KG Cs	3 Ea per Pk 100 Pks per Ct 4 Cts per Cs	10.5" x 4.5" x .9" Pk C17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
3CC Luer Lock Syringe 22G 1" Needle (100Pk)	850 0005-105	846353015014 Ea 846353014925 Ct 846353015489 Cs	.75KG Ct 18KG Cs	100 Pk per Ct 24 Cts per Cs	8.5" x 7.5" x 5.1" Ct 23.2" x 17.7" x 21.5" Cs
12CC Luer Lock Syringe 18G 1" Needle (3Pk)	850 0005-073	846353014529 Ea/ Pk 846353015540 Ct	44G Ea 3.5KG Ct 14KG Cs	3 Ea per Pk 100 Pks per Ct 4 Cts per Cs	11" x 4.5" x 1.5" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
12CC Luer Lock Syringe 18G 1" Needle (100Pk)	850 0005-107	846353015038 Ea 846353014949 Ct 846353015502 Cs	1.5KG Ct 18KG Cs	100 Pk per Ct 12 Cts per Cs	8.7" x 8.5" x 9.1 Ct 26.2" x 18.1" x 19.1 Cs
12CC Luer Lock Syringe 20G 1" Needle (3Pk)	850 0005-074	846353015526 Ea/ Pk 846353015533 Ct	43G Ea 3.5KG Ct 14KG Cs	3 Ea per Pk 100 Pks per Ct 4 Cts per Cs	11" x 4.5" x 1.5" Pk 17.7" x 11.6" x 10.8" Ct 24" x 18.5" x 22.8" Cs
12CC Luer Lock Syringe 20G 1" Needle (100Pk)	850 0005-106	846353015021 Ea 846353014932 Ct 846353015496 Cs	1.5KG Ct 18KG Cs	100 Pk per Ct 12 Cts per Cs	8.7" x 8.5" x 9.1 Ct 26.2" x 18.1" x 19.1 Cs

LUER **SLIP** NEEDLE COMBOS

	SKU	UPC	Weight	Quantity	Dimensions
3CC Luer Slip Syringe 22G 3/4" Needle (100Pk)	850 0005-094	846353015113 Ea 846353014734 Ct 846353015434 Cs	.75KG Ct 18KG Cs	100 Pk per Ct 24 Cts per Cs	8.5" x 7.5" x 5.1" Ct 23.2" x 17.7" x 21.5" Cs
3CC Luer Slip Syringe 22G 1" Needle (100Pk)	850 0005-095	846353015120 Ea 846353014741 Ct 846353015441 Cs	.75KG Ct 18KG Cs	100 Pk per Ct 24 Cts per Cs	8.5" x 7.5" x 5.1" Ct 23.2" x 17.7" x 21.5" Cs
12CC Luer Slip Syringe 18G 1" Needle (100Pk)	850 0005-097	846353015144 Ea 846353014765 Ct 846353015465 Cs	.75KG Ct 18KG Cs	100 Pk per Ct 24 Cts per Cs	8.7" x 8.5" x 9.1 Ct 26.2" x 18.1" x 19.1 Cs
12CC Luer Slip Syringe 20G 1" Needle (100Pk)	850 0005-096	846353015137 Ea 846353014758 Ct 846353015458 Cs	.75KG Ct 18KG Cs	100 Pk per Ct 24 Cts per Cs	8.7" x 8.5" x 9.1 Ct 26.2" x 18.1" x 19.1 Cs



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