



Helping all people  
live healthy lives



Introducing the **new**  
**BD SoloShot™ IX**

Auto-Disable Syringe  
with colour-coded plunger

Everyone deserves the chance to grow up



# BD SoloShot™ IX

## Auto-Disable Syringe

**Safe • Simple • Effective • Colourful**

The BD SoloShot™ IX Syringe is designed to prevent the syringe from being reused. Enhanced features sets make it the right injection device for both large scale and routine immunization programs. The new colour coded plungers reflect the gauge of the integral needle and are based on ISO standards.

### Features:

1. High quality, permanently attached needle
2. Minimal dead space
3. Passive Activation\* Auto-Disable mechanism featuring the patented V-Clip design
4. New ISO colour-coded, tamper-resistant plunger rod
5. Clear barrel
6. Preset volume limit (0.5ml or 1.0ml) and bold single scale markings
7. Small size, few components, no rubber stopper
8. Individual sterile packaging
9. Low injection/pull forces
10. WHO approved and CE marked\*\*
11. Affordable price

### Benefits:

1. Greater patient comfort
2. Minimal vaccine waste
3. Highly effective in preventing reuse
4. Easy identification of correct needle gauge
5. Easy to see and measure syringe content
6. Accurate dose measurement
7. Environmentally friendly
8. Maintains content sterility when unopened and not damaged
9. Maximizes user efficiency; easily used by vaccinators, regardless of their past experience
10. Meets international standards
11. Improved access to safer technology

\* "Passive Activation" deems the device not reusable by completing one vaccine dose administration or injection. This is different from an "Active Activation" method, which requires the user to actively disable the device following use.

\*\* World Health Organization (WHO), CE-Mark (CE-0318)

## How to Use:

The BD SoloShot™ IX Syringe is easy to use and requires minimal change in the standard procedure for preparing and administering vaccines:

- Fill syringe to the preset level (0.5ml or 1.0ml), while keeping the needle tip in the fluid at all times.
- Audible click will be heard.
- Plunger cannot be pulled back any further.
- Inject vaccine into patient.
- After injection, the plunger automatically locks and the syringe and needle cannot be reused.
- After use, discard in a container approved for the disposal of used syringes and needles.



The Expanded Program on Immunization (EPI) was established by the World Health Organization (WHO) in 1974 to reduce death and disability from vaccine-preventable diseases by making immunization accessible to children throughout the world.

Syringes and needles play an important role in immunizing the world's children. However, the misuse of syringes and needles can potentially lead to the transmission of bloodborne diseases such as Hepatitis B or HIV/AIDS.

To prevent inappropriate reuse of disposable syringes and needles, and to enhance public confidence in the EPI, WHO and the United Nations Children's Fund (UNICEF) sought development of an auto-disable syringe that is automatically rendered non-reusable after a single injection.

The BD SoloShot™ IX syringe is an auto-disable syringe developed in close collaboration with WHO and several international health agencies. Its use in the EPI can help ensure that syringes and needles used to immunize children do not become vehicles for transmitting infectious disease.

ly attached needle

Minimal dead space

Preset volume and bold single scale markings

New ISO colour-coded, tamper-resistant plunger rod

barrel

w injection/pull forces

Individual sterile package

Latex-free



## A Complete Range of Auto-Disable Devices

	Catalogue #	Size	Gauge	Needle Length
<b>BD SoloShot™ IX</b> With ISO colour-coded plunger rod for immunization**	301860	0.5ml	23G (0.60mm)	1" (25mm)
	Not Yet Assigned*	0.5ml	24G (0.55mm)	3/4" (20mm)
	301865	0.5ml	25G (0.50mm)	1" (25mm)
	301885 <sup>1</sup>	0.5ml	25G (0.50mm)	1" (25mm)
	301780 <sup>2</sup>	0.5ml	23G (0.60mm)	1" (25mm)
	301887	0.5ml	25G (0.50mm)	5/8" (16mm)
	301888	1.0ml	22G (0.70mm)	1" (25mm)
	Not Yet Assigned*	1.0ml	25G (0.50mm)	1" (25mm)

<b>BD SoloShot™ LX</b> For BCG and other low dose vaccine administrations	301792	0.05ml	27G (0.40mm)	3/8" (10mm)
	301793	0.1ml	27G (0.40mm)	3/8" (10mm)
	302600	0.2ml	27G (0.40mm)	5/8" (16mm)
	303212	0.05ml-0.1ml combo	27G (0.40mm)	3/8" (10mm)

<b>BD Uniject™</b> Prefilled injection device	471443	0.25ml	25G (0.50mm)	5/8" (16mm)
	471412	0.5ml	25G (0.50mm)	5/8" (16mm)
	471508	0.5ml	23G (0.60mm)	1" (25mm)
	471413	0.5ml	23G (0.60mm)	1 1/4" (31mm)
	471414	1.0ml	25G (0.50mm)	5/8" (16mm)
	471415	1.0ml	23G (0.60mm)	1" (25mm)
	471416	1.0ml	23G (0.60mm)	1 1/4" (31mm)
	471458	1.0ml	22G (0.70mm)	1 1/2" (38mm)

\*Please consult your local sales representative for product availability.

\*\* ISO colour codes for needle gauges: black for 22G, blue for 23G, purple for 24G and orange for 25G

- 1) With Chinese graphics
- 2) With Measles Initiatives Logo

U.S. Patent Nos. 4,973,310 and 4,961,728 (BD SoloShot™ IX)

Patent Pending (BD SoloShot™ LX)

U.S. Patent Nos. 4,883,473; 4,995,871 and 5,222,948 (BD Uniject™)



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## Making a World of Difference

As the world's leading manufacturer of injection devices, BD is closely tied to the success of immunization programs worldwide. We are dedicated to the continuous promotion of safe injection practices. We have locations across the world that link BD to geographic, cultural and political challenges posed by immunization efforts. BD is committed to innovative and safe vaccine delivery technologies, and would like new improvements to reach and benefit people all around the world, helping all people live healthy lives.

Visit us at: [www.bd.com/immunization](http://www.bd.com/immunization)

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