

*inno-syringe*TM

Low Dead Space Syringe



LDSS LL

Low Dead Space Syringe Luer Lock

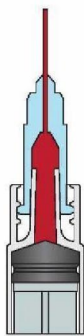
- Extended rubber piston tip to lower dead space
- No residual volume
- Currently used for accurate low dose injections
- More vaccination with the same amount of medicine



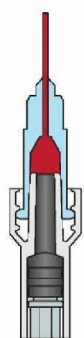
LDSS FIXED

Low Dead Space Syringe Fixed Needle

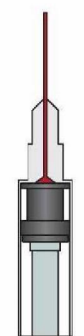
- Cannula staked with syringe directly as an insulin syringe
- **Minimum dead space** between cannula and rubber
- **Lowest medication residue and waste**
- No residual volume
- Currently used for accurate low dose injections
- More vaccination with the same amount of medicine



Standard syringe
with standard needle



LDSS LL
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LDSS FIXED
Low Dead Space Syringe Fixed Needle

<i>inno-syringe™ LDSS LL</i>				
Product name 1ml LDSS LL with 22g needle*		Test qty 5pcs		Specification 1ml 0.7x38
Test basis ISO7886-1: 2017		Test temperature 26°C		Test date 2020.10.22
Sample No.	Maximum dead space (ml)			
	Empty syringe weight (g)	Syringe weight after expell 0.5ml water (g)	Residue test result (<0.07ml)	Judgement
1	2.2641	2.3312	0.0571	Qualified
2	2.2488	2.2861	0.0373	Qualified
3	2.2634	2.3272	0.0639	Qualified
4	2.2890	2.3299	0.0539	Qualified
5	2.2568	2.3201	0.0635	Qualified
Average residue			0.0571 ml	
Average waste rate (with 0.5ml injection water)			11.42%	
* With 23G needle, dead space = 0.0167 - 0.0215 ml With 25 G needle, dead space = 0.0020 - 0.0029 ml				

<i>inno-syringe™ LDSS FIXED</i>				
Product name 1ml LDSS FIXED with 22g cannula*		Test qty 5pcs		Specification 1ml 0.7x38
Test basis ISO7886-1: 2017		Test temperature 26°C		Test date 2020.10.22
Sample No.	Maximum dead space (ml)			
	Empty syringe weight (g)	Syringe weight after expell 0.5ml water (g)	Residue test result (<0.07ml)	Judgement
1	2.3973	2.4031	0.0059	Qualified
2	2.3827	2.3860	0.0033	Qualified
3	2.3762	2.3941	0.0079	Qualified
4	2.4261	2.4334	0.0073	Qualified
5	2.3997	2.4079	0.0082	Qualified
Average residue			0.0065 ml	
Average waste rate (with 0.5ml injection water)			1.30%	
* With 23G Fixed cannula, dead space = 0.0031 - 0.0046 ml				

- Inno-syringe™ saves up to 10.12% medication
- Lowest medication residue and waste
- 10.000 Inno-syringes, inject up to 1.012 more people