






Auto Disable Syringe

with Low
Dead Space



Dead space in syringes refers to the small volume of fluid that remains in the syringe and needle after the plunger is fully depressed.

This residual fluid can lead to several disadvantages:

-  **Medication Waste:** Dead space can cause a small but significant amount of medication to be wasted, which can be particularly problematic with expensive or scarce medications.
-  **Inaccurate Dosing:** The presence of dead space can lead to inaccurate dosing, as not all the intended medication is delivered to the patient. This is especially critical when precise dosing is essential, such as in pediatrics or when administering potent drugs.
-  **Increased Cost:** Wasting medication can increase healthcare costs, both for patients and healthcare providers, due to the need to use additional medication to ensure the correct dose is administered.
-  **Impact on Vaccine Administration:** In the context of vaccines, dead space can mean that fewer doses can be obtained from a single vial, which can be a significant issue during mass vaccination campaigns.
-  **Environmental Impact:** Increased use of medical supplies due to dead space also has environmental costs, including more medical waste and higher disposal costs, which indirectly contribute to overall healthcare expenses.

Low dead space syringes have been developed to address these issues. The Kojak auto-disable syringe a innovative product of Hindustan Syringes and medical devices is designed to provide low dead space, which minimizes the residual volume of medication/vaccine left in the syringe after an injection. This feature ensures that more of the intended dose is delivered to the patient, reducing waste, and enhancing the efficiency of drug administration.

Additionally, the auto-disable mechanism prevents the reuse of the syringe, promoting safe injection practices and reducing the risk of cross-contamination and infection.

Size	0.1 ml		0.2 ml	0.25 ml	0.3 ml	0.5 ml
Needle Size	26G x 3/8" 0.45 x 10	27G x 3/8" 0.40 x 10	23G x 1" 0.60 x 25	23G x 1" 0.60 x 25	23G x 1" 0.60 x 25	23G x 1" 0.60 x 25
WHO PQS No.	E008/045		E008/092	E008/095	E008/084	E008/039
Dead Space	<25µl		<25µl	<25µl	<25µl	<25µl