

Flexi-Q HV

Fully Disposable Auto-Injector for **Low to High Viscosity** liquid drugs in Pre-Filled Syringes



The Flexi-Q HV is a fully disposable auto-injector for Low to High Viscosity liquid drugs in Pre-Filled Syringes (PFS).

This single-use auto-injector features passive needle shielding, allows better patient safety and encourages patient compliance in self-injection. It is the ultimate differentiating vehicle when considering the launch of a new drug or as a lifecycle management tool for an existing drug.

Pharmaceutical Company Advantages

Differentiation

- Enables using a drug delivery device for drugs in pre-filled syringes
- Flexible delivery volumes of 0.1 - 1.0 mL
- Injection of 150 cP drug in less than 10 seconds (for 1 mL, depending on needle gauge and drug characteristics)
- Compatible with low to high drug viscosity
- New proprietary damping mechanism - preventing impact on glass syringe, allowing use of extremely strong injection spring
- Reduced skin reactions - injection starts only after full needle penetration
- Delivery of the entire dose - same dead space as with manual techniques
- Easy and flexible customization options

Short regulatory path

- Compatible with standard glass syringes – no need to change drug container

Patient Benefits

Ease of use – better patient compliance

- Fully automatic injection process
- Quiet injection reduces patients' anxiety and perceived pain
- Reduces needle phobia - by hiding the needle throughout the injection process

Patient safety

- Prevents needle-stick injuries - needle is protected throughout the injection process
- Reduced local skin reactions - Injects only into the correct depth (SC)
- Clear visual and audible confirmation of the injection progress from beginning to end
- Activation design options:
 - Trigger button and body sensing - prevents inadvertent activation
 - Activation by pressing against the skin - e.g. for emergency use

This product is under development



See how Easy it is to Use:



1. Inspect drug integrity through window. Pull out the Safety Cover.

2. Press Injector against skin and press Inject Button. Hold injector still for 10 seconds. You will hear a click at the end of injection. You may also observe the piston reaching the end of the barrel.

3. Remove used auto-injector from skin and discard* properly.

* When the auto-injector is removed from the injection site, a Needle Guard automatically covers and locks over the needle for safe disposal of the auto-injector.