

Flexi-Q HV

Disposable Auto-injector for High Viscosity Drugs in PFS



Flexi-Q HV single-use auto-injector provides a fully-automated injection, with button activation and passive needle safety.

Flexi-Q HV incorporates a proprietary force-damping mechanism which allows the use of high spring force whilst protecting the glass PFS from mechanical damage.

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

- Fixed dose delivery of PFS fill volume: Configurable for 1mL or 2.25mL PFS
- Suitable for delivery of a wide range of drug viscosities, to 150cP according to injected volume and needle gauge
- Compatible with low to high drug viscosity
- Proprietary force-damping mechanism avoids damage to glass PFS, allowing use of elevated spring force for viscous drugs
- Passive needle safety to avoid needlestick injury
- Injection commences only when needle reaches intended depth
- Clear visual and audible confirmation throughout the injection process
- Skin sensor prevents inadvertent activation

Short path to market

- Proven technology platform; Compatible with standard glass PFS

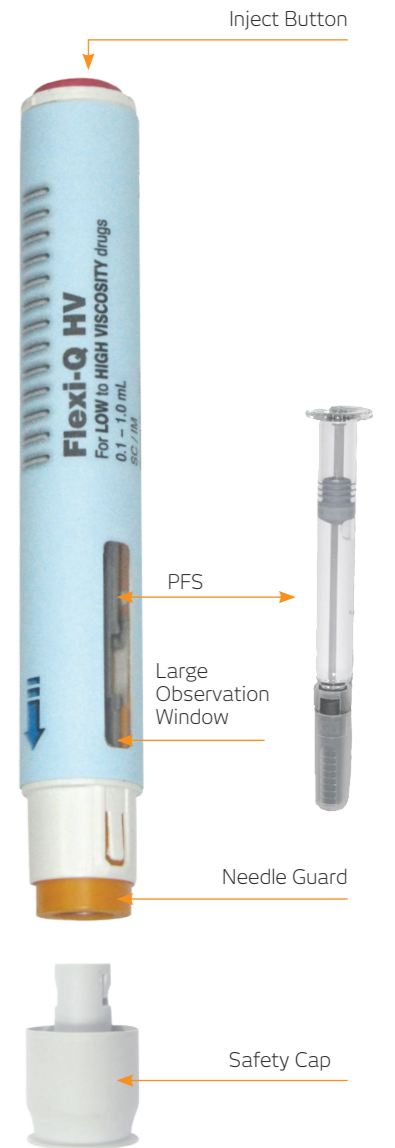
Patient Benefits

Ease of use and convenience

- Fully automatic injection process
- Hidden needle and quiet injection to reduce anxiety and perceived pain

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



User Steps



1. Inspect PFS and drug through the Large Observation Window. Pull off Safety Cap.



2. Press device against injection site and press Inject Button. Hold device in place until audible and visual signals indicate injection is completed.



3. Lift device from injection site and discard in appropriate container.

* 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.