

Flexi-Q CAI

2-step Disposable Auto-injector



Flexi-Q CAI is a 2-step disposable auto-injector platform for drugs in either 1 mL or 2.25 mL pre-filled syringes (PFS). This single-use auto-injector incorporates passive needle safety features and is designed to be intuitive and easy to use for patients with dexterity or motor-control challenges.

Pharmaceutical Company Advantages

Differentiation

- Configurable for intramuscular (IM) or subcutaneous (SC) injection
- Fixed dose volumes:
Flexi-Q CAI 100 (for 1.0 mL "long" PFS): 0.1mL - 1.0mL
Flexi-Q CAI 225 (for 2.25mL PFS): 0.1mL - 2.25mL
- Proprietary force damping mechanism prevents impact damage to glass PFS – allowing use of high-force power springs - enabling delivery of viscous drugs
- Injection starts only after full needle penetration, delivering drug to target tissue depth
- Observation Window – allows inspection of PFS and contents, as well as progress of injection
- Flexi-Q CAI platform can be configured according to a pharmaceutical company's specific requirements

Shortened time to market

- Proven technology platform; Compatible with standard glass PFS; Manufacturing facilities established by E3D

Patient Benefits

Ease of use and convenience

- Simple, intuitive 2-step push-on-skin activation with fully automated injection process
- Clear visual and audible confirmation of the initiation and completion of injection

Safety

- Needle hidden throughout the injection process, reducing anxiety and needle aversion
- Passive safety features prevent needlestick injuries
- Clear visual and audible confirmation throughout the injection process



User Steps



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



2. Push device against injection site. Hold device in place until audible and visual signals indicate injection is completed.

*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 device.