

Flexi-Q MU

Multi-Use Auto-Injector for Drugs in Pre-Filled Syringes and Vials

The Multi-Use Auto-Injector features a reusable electronic driving unit and a cost-effective, automatic needle protection disposable cassette for use with standard pre-filled syringes and vials. For use in chronic diseases that require frequent injections (e.g. multiple sclerosis). The partially reusable design lowers the cost per injection and reduces the volume for storage and disposal.



I3D™

Injectable Drug Delivery Devices



 Elcam Stopcocks

 Lucomed Medical Products

 Injectech

Flexi-Q MU

Multi-Use Auto-Injector for Drugs in Pre-Filled Syringes and Vials

Pharmaceutical Company Advantages

Differentiation

- Electronic reusable driving unit and disposable cassette for use with standard pre-filled syringes
- Automatic needle insertion with user control of needle penetration depth
- Automatic injection with controlled injection speed
- Fixed or variable delivery volumes (0.1 - 1.0 mL)
- Windows for visual inspection of the syringe contents along the full length of the barrel

Selected customizable options of the disposable cassette

- Unique cassette design incorporating a cartridge for variable dosing
 - Drug titration
 - Drug reconstitution and mixing from a vial using a vial adaptor
 - Drug reconstitution and mixing through dual-chamber pre-filled syringe
- The last two options permit reconstitution of hard-to-dissolve drugs by allowing swirling and time delays followed by user inspection prior to injection

Patients Advantages:

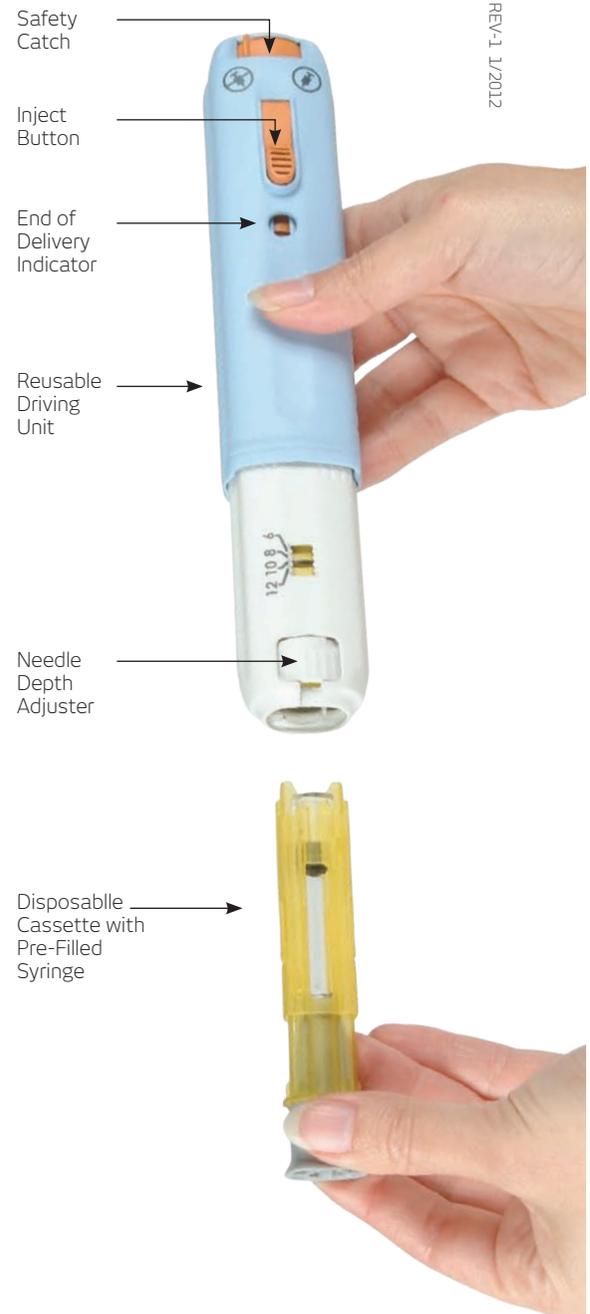
Ease of use – better patient compliance

- Reduces needle phobia – by hiding the needle throughout the entire injection process
- Simple user interface – no complicated dismantling or unscrewing operations
- Quiet operation reduces patients' anxiety and perceived pain
- Controlled injection speed for increased comfort

Patient safety

- Delivery of the entire dose – same dead space as with manual technique
- Reduced skin reactions – injection starts only after full needle penetration
- Incorporated safety features provide needle protection before and after injection, and preventing needle-sticks injuries

This product is under development



See how Easy it is to Use (pre-filled syringe version) :

Performed only once:



Hold injector and set desired needle penetration depth as recommended by your doctor, turning the Needle Depth Adjuster.

Injection Steps- Performed at each injection:



1 Make sure Safety-Catch is on "Not Inject" position. Prime injector by pushing it firmly against a hard surface.



2 Click in Cassette and pull out the Needle Cap.



3 Rotate Safety-Catch to "Inject" position, press injector cassette-end against skin and press Inject button. Hold still for 10 seconds and remove injector from skin.



4 Pull used Protected-cassette straight off the Auto-Injector 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 used cassette.



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