

Flexi-Q mMU Datasheet

Mechanical Multi-Use Auto-Injector for
Drugs in Pre-Filled Syringes

Technical Data

General

Overall length	185mm
Weight (excl PFS/drug)	78g (inc loaded cassette)
Grip area	(oval) 35mm X 26mm

Medication

Filling volume	0.1-1.0mL
Injection volume	Full PFS volume

Needle

Exposed needle	Up to 12mm
Needle gauge	As appropriate for drug and therapy

Inject Button

Large Observation Window

Disposable Cassette pre-loaded with PFS

Safety Cap



User Steps

1



Push cassette into Device.

2



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

3



Press Device against injection site and press Injection Button. Hold Device in place until audible and visual signals indicate injection is completed.

4



Lift device from injection site and discard in appropriate container.

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

Key Features



Fully automatic injection process



Quiet injection



Reduces needle-phobia



Reduce storage and waste



Cost effective

Technical Specifications

Device type	Single-use auto-injector
Device variants	Flexi-Q mMU for 1mL "long" PFS
Route of administration	Subcutaneous
Number of user handling steps	4
Activation method	Triger button
User injection feedback	Audible and visual confirmation of initiation and completion of injection
Dosage type	Fixed dose
Primary container	1mL Disposable Cassette with Pre-Filled Syringe
Delivery volume	Full PFS contents (0.1mL – 1.0mL)
Needle insertion	Automatic
Activation force	5 - 15N
Injection duration	3 - 10 seconds (per injection volume, liquid viscosity and needle gauge)
Viscosity	Up to 45Cps
Power source	Spring with proprietary force-damping system (avoids risk of breakage of glass PFS)
Needle extension	Up to 12mm
Needle shield	Needle Guard automatically locks (passive safety) over needle following injection and removal tissue
Needle safety	Locked needle cover (passive safety) after injection and removal from tissue
Customization options	External shape and colors
Container and drug inspection	Large Observation Window permits clear view of PFS and drug product contents