

Flexi-Q CAI

2-Step Disposable Auto-Injector

Technical Data

General

Overall Length	Flexi-Q CAI-100- 18.7 cm Flexi-Q CAI-225- 19.4 cm
Grip area (oval)	Flexi-Q EAI 100: 22mmX27mm Flexi-Q EAI 225: 25mmX28mm
Weight (excl PFS/drug)	Flexi-Q CAI-100- 47 gr Flexi-Q CAI-225- 53 gr

Medication

Filling Volume	Flexi-Q CAI-100- 0.1 mL- 1.0 mL Flexi-Q CAI-225- 0.1 mL- 2.25 mL
Injection Volume	Full fill volume

Needle

Exposed needle length	Up to 32 mm
Needle Gauge	Up to 29G
Needle shield	Rigid or soft needle shields



User Steps

1



Remove safety cover

2



Push against injection site

* 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.

Key Features



Fully automatic
injection process



Quiet
injection



Reduces
needle phobia

Technical Specifications

Device Type	Single-use auto-injector
Device variants	Flexi-Q CAI-100 Flexi-Q CAI-225
Route of administration	Subcutaneous (SC) or Intramuscular (IM)
Number of user handling steps	2
Activation method	Push on skin
User injection feedback	Audible and visual confirmation of initiation and completion of injection
Dosage type	Fixed dose
Primary container	Flexi-Q CAI-100: 1 ml "long" PFS (with staked needle) Flexi-Q CAI-225: 2.25 ml PFS (with staked needle)
Delivery volume	Full PFS contents (0.1 ml – 2.25 ml)
Needle insertion	Automatic
Activation force	5 – 15 N
Injection duration	3 - 10 seconds (per dose volume and liquid viscosity)
Viscosity	Up to 60 Cps
Power source	Spring with proprietary force-damping system (avoids risk of breakage of glass PFS)
Needle extension	Up to 32 mm
Needle shield	Rigid needle shield or soft needle shield
Needle safety	Locked needle cover (passive safety) after injection and removal from tissue
Customization options	External shape and colors
Container and drug inspection	No fluid path components and no contact with drug product solution. Large observation window – allows inspection of PFS & contents – as well as view of injection progress