

Go to the next level.



swissengineering 

The 5.5 mL large volume autoinjector.

- Taking handheld self-injection beyond volumes of 2.0 mL
- New ready-to-use 5.5 mL staked-needle pre-filled syringe format
- Market-proven two-step Ypsomate® technology
- Bespoke user interface increases confidence during injection
- Easy customisation for a broad range of fill volumes, viscosities and injection times



More confidence. More success. With Ypsomed Delivery Systems.



YpsoMate® 5.5 – the 5.5 mL large volume autoinjector

YpsoMate® 5.5 autoinjector is an automated disposable injection device for 5.5 mL pre-filled glass syringes suitable for all patient groups. The device is triggered by push-on-skin activation which is convenient, ergonomic and preferred by patients.



Discover the YpsoMate® 5.5 autoinjector Benefits



Simply a perfect ergonomic design

- The waisted and textured gripping area, along with the contour, allows for a broad variety of grip styles and enables stable handling during the injection
- The rotating dial and continuous clicking communicate to the user very clearly the start and the end of the injection, and that the injection is progressing as intended
- Different spring configurations with different force profiles allow the system to be adapted to accommodate a broad range of drug viscosities
- Injection times can be configured in the range 10–60 s for injection volumes up to 5.5 mL

Established technology and manufacturing

- Market-proven two-step handling principle of all YpsoMate® autoinjectors
- Based on proven YpsoMate® 2.25 Pro constant force drive mechanism technology
- Large drug volumes are injected reproducibly, even with higher-viscosity formulations
- As with the other YpsoMate® family members the design is suitable for fully automated manufacturing, leveraged for a broad range of applications, and offers quick time-to-market



YpsоМate®
5.5



syriQ® BioPure 5.5mL staked-needle ready-to-use syringe

- The staked-needle ready-to-use (RTU) syringe is the primary container format of choice for use in autoinjectors
- The integrated needle with rigid needle shield has a proven track-record with respect to container closure integrity and sterility
- The pre-sterilised format, packaged in a standard nest-and-tub, is well established and has been successfully industrialised on a wide array of filling lines
- Leverages existing standards and components where possible, to minimise time-to-market and reduce development risks



Device specifications

Facts and figures



Device specifications

Primary container	5.5mL, 12.7 mm staked-needle PFS	Injection time	10–60 s Ask for testing of your configuration
Fill volume	1.5–5.5 mL	PFS needle shield	Rigid
Dosing	Fixed, complete content	Needle insertion depth	5–8 mm
Viscosity*	1–30 cP*, with 27G STW Up to 50 cP* with larger bore needles	End of injection feedback	Audible and visual
Needle diameter	27G STW and larger		

* Feasibility testing with filled syringes recommended for new drugs. With a larger needle diameter viscosities above 100 cP are feasible.



Deliverysystems

More **confidence**.
More **success**.
With **Ypsomed Delivery Systems**.



Pen
systems



Autoinjector
systems



Patch injector
systems



Digital Health

Ypsomed Delivery Systems provides a complete range of drug delivery products and services to biopharmaceutical companies. We offer everything from development and design to manufacturing and packaging, giving patients and customers more confidence and leading to more market success.

Ypsomed AG // Brunnmattstrasse 6 // 3401 Burgdorf // Switzerland //
info@ypsomed.com // www.ypsomed.com/yds // +41 34 424 41 11



Contact us for more information