



Ypsomed[®]
5.5

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 prefilled syringe format
- Market-proven two-step Ypsomed technology
- Bespoke user interface increases confidence during injection
- Easy customization for a broad range of fill volumes, viscosities and injection times



Making selfcare simpler and easier.

YPSOMED
SELF CARE SOLUTIONS

YpsoMate 5.5 – the 5.5 mL large volume autoinjector

The YpsoMate 5.5 autoinjector is an automated disposable injection device for 5.5 mL prefilled 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

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



syriQ® BioPure 5.5 mL 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 industrialized on a wide array of filling lines
- Leverages existing standards and components where possible, to minimize time-to-market and reduce development risks



Dimensions and specifications



Device specifications

Primary container	5.5 mL, 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.

Making selfcare simpler and easier.

We are the reliable partner for selfcare solutions:

- tailored to your specific needs
- based on the most comprehensive & innovative platform portfolio
- delivered with best-in-class execution



Pen systems



Autoinjector systems



Patch injector systems



Digital Health



Contact us for more information