

Go for simplicity.

NEW
with connected
add-on



swissmade 

The 2-step autoinjector.

- Push-on-skin release for most simple and ergonomic handling
- Clear confirmation “clicks” and large viewing window for more patient confidence and control
- Slim, short and pleasing design provides distinct differentiation for your drug
- Individual designs for different target patient groups
- Proven platform product for low risk and short time to market
- Compatible with SmartPilot™ to upgrade into a fully connected device



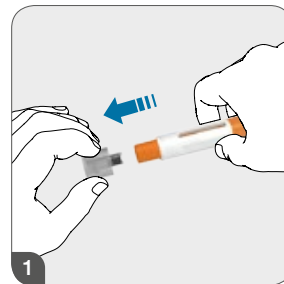
More confidence. More success. With Ypsomed Delivery Systems.



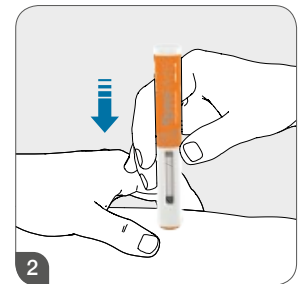
YpsoMate® – the 2-step autoinjector

Remove cap and push on skin – as simple as that

The YpsoMate® autoinjector is an automated disposable injection device for 1 ml long pre-filled glass or polymer syringes suitable for all patient groups. The device is triggered by push-on-skin activation which is convenient, ergonomic and preferred by patients.



Remove cap



Inject



Simply a perfect design

Meeting patient needs and pharma industry requirements

Handling

- Optimised ergonomic design provides good grip and control
- Audible confirmation “clicks” at start and end of injection increase patient confidence

Safety

- Front shoulder syringe support increases product safety
- Syringe window covered by transparent plastic to increase product safety in case of syringe breakage during transport or after dropping
- Syringe window can be coloured upon request protecting light sensitive products or for blinding during clinical studies
- The needle is shielded before and after use to avoid accidental needle stick injuries
- Roll-stop built in by unique square, ergonomic design
- Reusable trainer device available to simulate and practice the use of real devices by patients and doctors

Customisation and manufacturing

- Easy to customise platform product from experienced ODM manufacturer assures short timeline and low project risks
- Well established final assembly processes at pharma and CMO sites



Connectivity

YpsoMate® with the standard square shape is compatible with the reusable SmartPilot™ add-on. SmartPilot™ for YpsoMate® enables user guidance and advanced adherence monitoring as it transforms the proven YpsoMate® autoinjector into a fully connected smart product system.

- Tracking and wireless transmission of injection events and outcomes e.g. handling errors or missed uses
- In-use patient guidance throughout the injection process e.g. advice on holding time
- NFC-based identification of combination product label to increase patient safety





Design and customisation

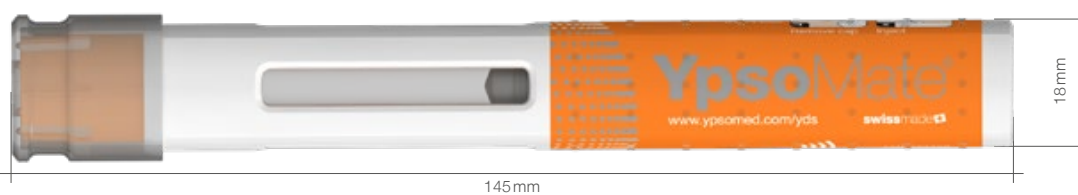
Your drug deserves a unique presentation

The design can be customised for individual dosing requirements, as well as for specific patient and marketing needs. Individual designs in free-form shapes for superior differentiation are possible based on the YpsoMate® Design concept that uses outer shells around a standard YpsoMate® autoinjector. Do not hesitate to ask us for further design support or involve your own design specialists.



Dimensions and specifications

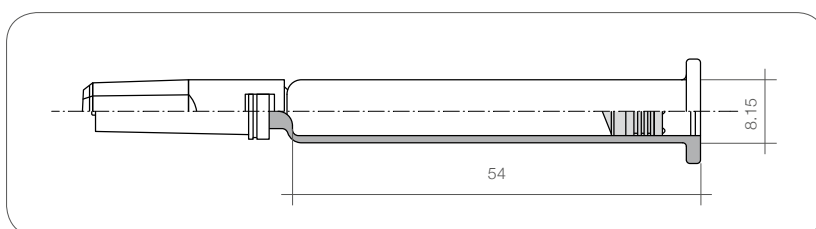
Facts and figures



Device specifications

Primary container	1 ml long ½" PFS, with cut flange or small round flange	Injection time	< 10s
Fill volume	0.2 – 1.0 ml	PFS needle shield	Rigid or soft
Dosing	Fixed, complete content	Needle insertion depth	5–8 mm
Viscosity*	1–35* cP	End of injection feedback	Audible and visual
Needle diameter	29G TW and larger	Weight	35 g incl. glass PFS

Syringe dimensions (mm)



Standard device compatible with 1 ml long ½" staked needle syringes with cut flange or small round flange

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

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



Pen systems



Autoinjector systems



Patch injector systems



Smart services

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.