

# Go for simplicity.

Now also for  
8 mm needle



swiss made 

## The 2-step large volume autoinjector.

- Suitable for injection volumes up to 2.25 mL
- Push-on-skin release for most simple and ergonomic handling
- Clear confirmation “clicks” and large viewing window for optimal patient confidence and control
- Easy to customise and flexible platform product assures short timeline and low project risks
- Ypsomate® 2.25 Pro with constant force drive is suitable for a large range of viscosities
- Compatible with SmartPilot™ to upgrade to a fully connected device



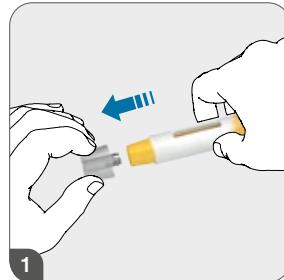
More confidence. More success. With Ypsomed Delivery Systems.



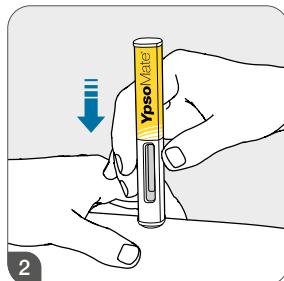
## YpsоМate® 2.25 – the 2-step large volume autoinjector

Remove cap and push on skin – as simple as that

YpsоМate® 2.25 and YpsоМate® 2.25 Pro auto-injectors are automated injection devices for 2.25 mL pre-filled glass or polymer syringes suitable for all patient groups. They can be configured with either an 8 mm or a ½" needle. The device is triggered by push-on-skin activation which is convenient, ergonomic, and preferred by patients. The YpsоМate® 2.25 Pro is suitable for a large range of viscosities.



Remove cap



Inject



## Simply a perfect design

Meeting patient needs and pharma industry requirements

### Handling

- Optimised ergonomic design provides good grip and control
- Needle hidden at all times for increased comfort
- Patient controlled needle insertion
- Audible confirmation with a 1<sup>st</sup> and 2<sup>nd</sup> click to 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
- The needle is shielded before and after use to avoid accidental needle stick injuries
- Roll-stop built in by unique square design
- The YpsоМate 2.25 Pro features an innovative drive system with constant force to inject high viscosities while keeping the stress on glass syringes low

### Customisation and manufacturing

- Easy to customise platform product from experienced ODM manufacturer assures short timeline and low project risks
- Compatible with glass and polymer syringes from all major manufacturers
- Well established final assembly processes at pharma and CMO sites



### Connectivity

YpsоМate® 2.25 with the standard square shape is compatible with the reusable SmartPilot™ add-on. SmartPilot™ for YpsоМate® 2.25 enables user guidance and advanced adherence monitoring as it transforms the proven YpsоМate® 2.25 autoinjector into a fully connected smart product system.

- Tracking and wireless transmission of injection events and outcomes e.g. handling errors or missed injections
- 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





**YpsоМate®**

2.25



## Design and customisation

Your drug deserves a unique presentation

The design can be customised for individual dosing and drug requirements. Product differentiation in the market is often important and colours and shape may be customised to meet your individual design needs. Do not hesitate to ask us for more designs or to involve your own design specialists.



## Dimensions and specifications

Facts and figures



YpsоМate 2.25 and YpsоМate 2.25 Pro with 8 mm needle configuration

Specifications		
<b>Device specifications</b>	<b>YpsоМate® 2.25 / YpsоМate® 2.25 Pro with 1/2"-inch needle</b>	<b>YpsоМate® 2.25 / YpsоМate® 2.25 Pro with 8 mm needle</b>
<b>Primary container</b>	2.25 mL PFS, with cut flange or small round flange, 1/2" needle	2.25 mL PFS, with cut flange or small round flange, 8 mm needle
<b>Fill volume</b>	0.4–2.25 mL	
<b>Dosing</b>	Fixed, complete content	
<b>Viscosity*</b>	1–25 <sup>1</sup> cP for YpsоМate® 2.25 1–50 <sup>1</sup> cP for YpsоМate® 2.25 Pro	1–40 cP <sup>1</sup> for YpsоМate® 2.25 1–80 cP <sup>1</sup> for YpsоМate® 2.25 Pro <sup>2</sup>
<b>Needle diameter</b>	29G TW and larger	
<b>Injection time</b>	approx. 5–15 s (ask for testing of your configuration)	
<b>PFS needle shield</b>	Rigid	
<b>Needle insertion depth</b>	5–8 mm	6 mm
<b>End of injection feedback</b>	Visual and auditory	
<b>Weight</b>	53 g incl. glass PFS for YpsоМate® 2.25 / 70 g incl. glass PFS for YpsоМate® 2.25 Pro	

<sup>1</sup> Feasibility testing with filled syringes recommended for new drugs. With a larger needle diameter viscosities above 100 cP are feasible.  
<sup>2</sup> Timeline for readiness of the YpsоМate 2.25 Pro to be assessed for individual cases.



Deliverysystems

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



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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.

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