YpsoFlow®

# Powering momentum. Driving access.

swissengineering

## The spring-driven, prefilled pen offering trusted usability and a smooth path to market.

- Intended for GLP-1 and other peptide therapies, YpsoFlow supports doses up to 0.80 mL
- Spring-driven mechanism with low injection force, non-protruding dose button, and audible end-of-dose click
- Designed for self-administration with user steps aligned to established injection device standards
- Construction using two bio-based plastics supporting streamlined material sourcing and ecodesign considerations
- Offered as an original design manufacturer (ODM) platform with services that support interchangeability and regulatory integration

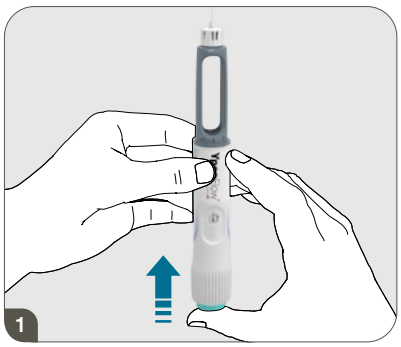
**Making selfcare simpler and easier.**

YPSOMED
SELFCARE SOLUTIONS

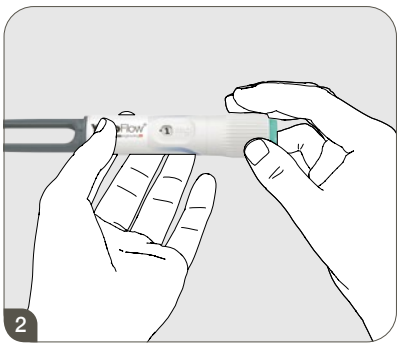
# Patient-trusted usability

GLP-1 and other peptide therapies are increasingly self-administered by a broad patient population, including those with limited hand strength or dexterity. Every point of friction in the injection process can affect confidence and adherence. YpsoFlow is designed to reduce that friction with a low-force, spring-driven mechanism that patients can learn to use and apply reliably from the first injection.

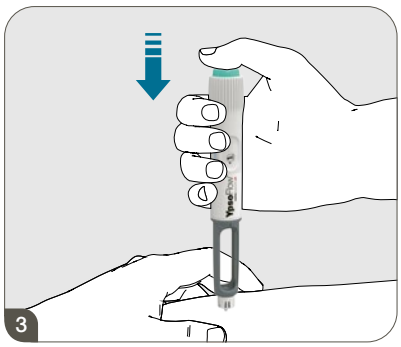
- Spring-driven injection mechanism designed to reduce the physical effort required to deliver a dose.
- Non-protruding dose button, removing the need for extended reach or grip adjustments.
- Audible end-of-dose click designed to confirm dose delivery and support patient confidence.
- Dial-dose mechanism with visual dose markings for clear dose setting and active dose-stop designed to limit over-delivery.
- Handling sequence aligned with established injection device standards: Prime – Dial dose – Inject.



Priming



Dial dose



Inject

# Future-focused by design

Pharma partners face growing pressure to demonstrate progress on sustainability-related commitments. YpsoFlow is designed to support this at the material level: the pen is constructed from two bio-based plastics, simplifying sourcing and incorporating ecodesign principles from early development.

- Construction using two bio-based plastics, streamlining sourcing and contributing to lower material-related $CO_2$ emissions vs comparator devices.[1]
- Ecodesign principles integrated from the start of platform development and aligned with pharma partners' compliance-readiness goals.

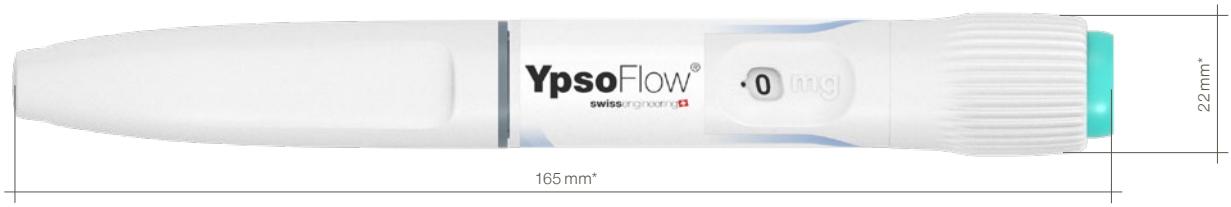
# A platform for a smooth path to market

Built on Ypsomed's proven device development, human factors, and regulatory expertise and offered as an original design manufacturer (ODM) platform, YpsoFlow is not tied to a specific drug. This gives originators and biosimilar developers a flexible foundation they can adapt to their program, backed by Ypsomed's device development, human factors, and regulatory expertise.

This is backed by over four decades of experience coordinating primary packaging, fill & finish, and final assembly across global pharma and CMO partners, with 80+ combination products launched to date, including 55+ pen drug launches.

- Platform flexibility supports integration by originators and biosimilar developers alike.
- Customization options for dose configuration, visual design, and onboarding materials.
- Human factors and interchangeability studies support regulatory submissions and de-risk switching programs.

# Device specifications




| Product overview | | | |
|---|---|---|---|
| **Dose delivery mechanism** | Button-press activation | **Dose setting mechanism** | Dial dose |
| **Injection force** | Low injection force | **Dose indications** | Dose markings, audible end-of-dose click |
| **Dial extension** | 0 mm | **Active dose stop** | Yes |
| **Primary container** | Standard 3 mL and 1.5 mL cartridge according to ISO 11608-3[2] | **Compatible needle type** | Compatible with standard and safety pen needles[3] |
| **Number of dose increments** | Up to 80 | **Compliance** | ISO 11608-1, ISO 11608-5, ISO 14001, EU, FDA |
| **Min. dose/dose increment** | 0.01 mL | **Materials** | Two bio-based plastics |
| **Max. dose** | 0.8 mL | | |

* Subject to change

**1** For more on the product carbon footprint, bio-based plastics and other sustainability-related information, please visit: **www.ypsomed.com/sustainability-services**
**2** 3 mL cartridge inner diameter of 9.7 mm recommended
**3** Pen needles according to ISO 11608-2

**Disclaimer:** YpsoFlow is a registered trademark of Ypsomed AG.

# 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

13054606-MSTR-en/V01

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

YPSOMED
SELFCARE SOLUTIONS