



CliniPilot®
YpsoMate

Switch on connectivity in your clinical trials.



swissengineering 

Leveraging connectivity to empower, enrich and ease clinical trials.

- Real-time adherence tracking, as well as detection and identification of injection errors
- Automated data capture replaces patient diaries, reducing manual effort and minimizing documentation errors
- Detects patient non-compliance and provides insight into real-world injection behavior, enabling timely intervention
- Seamless integration with EDC (Electronic Data Capture) systems and existing workflows enables automated data transfer and enhances operational efficiency in clinical trials

Making selfcare simpler and easier.

YPSOMED
SELF CARE SOLUTIONS

Reliable and structured injection data capture

- Automatically captures structured injection data including time, date and injection outcome in real-time
- Distinguishes between different user errors (such as incomplete injection or holding time violations)

Data	KPI
Injection date	Dosing compliance over study period, dose spacing vs protocol schedule
Injection time	Timing adherence, deviation from planned dosing window
Injection sequence number	Injection completeness across treatment, longitudinal behavior tracking
Configured injection volume	Verification of configured dose consistency across injections
Injection outcome (injection OK, early lift)	Injection success rate, frequency and distribution of incomplete injections and injection pattern
Measured injection time	Injection execution duration, abnormal execution pattern detection
Measured holding time	Adequacy of holding time, risk indicator for partial or incomplete injections
Kit number	Kit supply chain traceability
CliniPilot device identifier	Device-level performance monitoring

Dimensions and specifications

Device specifications	
Dimensions	For YpsoMate® 2.25: 5.3 × 1.6 × 1.6 inches or 134.5 × 39.6 × 40.4 mm For YpsoMate®: 6.1 × 1.4 × 1.4 inches or 153.8 × 36.0 × 35.2 mm
Weight	For YpsoMate® 2.25: 61 g or 0.13 lb For YpsoMate®: 53 g or 0.12 lb
Type	Handheld, reusable, non-rechargeable
Environmental conditions	41 °F to 95 °F or + 5 °C to + 35 °C @ 15–90 % rH non-condensing within the atmospheric pressure range 700–1060 hPa
Ingress protection classification	IP22 as defined by IEC 60529
Intended usage lifetime	Reusable without charging for up to 2 years or 120 injections after a storage period of up to 3 years
Data logging	Secured data storage for the captured injection data and device data
Feedback (User Interface)*	Real-time patient guidance using acoustic and visual feedback
Communication	Bluetooth® for the data transmission and the NFC for the pairing
Data security	TLS 1.3 end-to-end secured communication, sensitive data end-to-end ECIES encrypted
Sensors and detection capabilities	Automated activation of the device with motion sensing. Detection of autoinjector presence. Inductive coupling detection of the injection status.

* Optional

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