



Building bridges
from drugs to patients

Innovation in on-body delivery devices

Drug delivery devices
covering your needs



Small Volume up to 3 ml
Adjustable flow patterns
over hours with bolus option



Large Volume up to 20 ml
Delivery from minutes to hours



Belt worn device up to 20 ml
Adjustable flow pattern over hours
with bolus option

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innovating for a better life

The SenseCore Technology: novel micro pump

Gerresheimer has developed a novel micro volumetric rotary piston pump which forms the heart of our on-body delivery devices. The devices manage the controlled small to large volume subcutaneous delivery of respec-

tive medicines for self-administration by patients. The Gerresheimer on-body delivery device design sets new standards by:

Reliability

The SenseCore micro volumetric rotary piston pump technology ensures flow in one direction allowing double protection against free flow.

Cost efficiency

The pump technology requires lowest number of polymer-based components, hence high cost effectiveness.

Accuracy

The innovative device architecture allows flexible and precise flow profiles as well as bolus options.

Scalability

The SenseCore technology manages scalable volumes ranging from 50 µl over 24 hours to 5 ml per minute.

Disposable and reusable parts

The medical devices are comprised of a disposable and reusable part thus minimizing waste and reducing costs.

Connectivity

Bluetooth wireless technology enables easy connection of the device to apps or other digital services.

Customized solutions for dedicated branding and differentiation

Gerresheimer's first patient-worn delivery device under the brand name D-mine[®] was developed for EVER Pharma. It recently received European CE certification and has already been launched in several EU countries. The compact, patient-friendly D-mine[®] pump is used for the continuous subcutaneous administration of apomorphine to treat advanced stages of Parkinson's disease. This micro pump gives Parkinson's patients

greater independence in their day-to-day lives. The compact, user-friendly device contains Gerresheimer's protected and straightforward micro-rotation pump technology taking human factor study results into account. Parkinson's patients typically are facing difficulties to control muscular movements and therefore appreciate the pump's ease of use with:



Interactive color display and data storage

Keeps users informed about device activity and enables to monitor patient adherence

Docking station designed for specific patient group

Easy handling for Parkinson's patients to prepare the device for use and recharge the device battery.

Individually adjustable delivery rates

Healthcare professional sets patient-specific 24 h basal rate pattern and bolus options

On-body delivery devices to meet your challenges in liquid drug delivery

Are you interested in a reliable solution for the controlled subcutaneous administration of your drug formulation? As a center of competence for micro pump technologies, Gerresheimer is your one-stop-shop partner to fill the

gap when it comes to state-of-the-art on-body delivery devices. Our product platform offers a series of filling options and allows cost-efficient customization to meet your drug product's needs.

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