



## Leading the way with integrated containment and delivery solutions

# SMARTDOSE® 3.5 Injector

PRECISE. RELIABLE.  
READY TO GO.

### Commercially Available

- The first approved commercial use large volume wearable
- Fully industrialized with installed capacity
- Regulatory, Quality and Human Factors expertise to support your development

### Wearable Injector

- Making treatment more patient-friendly with home administration
- Ability to deliver high volume and high viscosity drug products

### Patient-Centric

- User-experience, easy to use, intuitive design
- Visual, tactile and audible feedback to boost user confidence
- Training solutions available for a seamless onboarding experience

### Flexible Technology

- Enables less painful injections through a variety of pre-programmable delivery times
- Multiple published studies<sup>1</sup> indicate lower pain with customizable delivery rates

*"The system was easy for me to use..." (novice user)*

\*Up to 3.7mL with overfill

 **PRECISE**

 **RELIABLE**

 **READY TO GO**



### Technical Specifications

Target Tissue	Subcutaneous
Max Container Volume	Up to 3.5mL (3.7mL with overfill)
Sterilization	Ready to Use sterile
Container Material	Daikyo Crystal Zenith® cyclic olefin polymer (COP)
Container Type	Custom cartridge with septum/cap & Flurotec® film-coated piston
Tub & Nest Format	8x8 configuration for standard filling equipment
Needle Safety System	Complies with ISO standard
Driving Mechanism	Electromechanical
System Control	Pre-programmable
Cartridge Loading	User loaded
Connectivity	Bar code capable

<sup>1</sup>Dias, C., Abosaleem, B., Crispino, C., Gao, B. & Shaywitz, A. (2015). Tolerability of High-Volume Subcutaneous Injections of a Viscous Placebo Buffer: A Randomized, Crossover Study in Healthy Subjects. AAPS PharmSciTech. DOI: 10.1208/s12249-015-0288-y

For more information visit [www.westpharma.com/SmartDose](http://www.westpharma.com/SmartDose)

**North America** 1-800-345-9800 option 8 | **South America** +55 11 4055 6061 | **Europe** +49 (0) 2403-7960 | **Asia Pacific** +65 6862 3400

**West Pharmaceutical Services, Inc.** 530 Herman O. West Drive | Exton, PA 19341

West and the diamond logo and By your side for a healthier world are registered trademarks or trademarks of West Pharmaceutical Services, Inc., in the United States and other jurisdictions. SmartDose® and logo and the external product configuration of West's SmartDose® drug delivery platform are trademarks of West Pharma. Services IL, Ltd., a subsidiary of West Pharmaceutical Services, Inc., in the United States and other jurisdictions. Crystal Zenith® and Flurotec® are registered trademarks of Daikyo Seiko, Ltd. Daikyo Crystal Zenith® technology is licensed from Daikyo Seiko, Ltd.

Copyright ©2020 West Pharmaceutical Services, Inc.

#11449 0520