



Safe'n'Sound®

*Ensuring a safer injection process,
while improving patient experience*



**One platform for every
volume need.**

A proven passive safety system for pre-filled syringes, designed to support evolving drug delivery needs from 1 mL to 5.5 mL dose volume



1 mL



2.25 mL



5.5 mL



Benefits

Enhance the patient injection experience

De-risk development with a proven platform

Cost-efficient solution

Key features

- Safe injection
Automatic needle protection
- Comfortable handling
User-friendly design
- Smooth injection
Low activation force
- Optimized drug delivery
Low residual volume
- Empowered self-injection
Patient-controlled injection pace
- Confident dose delivery
Automatic needle retraction

Safe'n'Sound® 5.5 mL

Setting the standard in large-volume safety system

- Designed for large-volume delivery
- Adapted to high viscosities formulations
- Proven platform approach

1st fully compatible large volume syringe & safety device platform

- Compatible with SCHOTT Pharma's syriQ BioPure® 5.5 mL prefillable glass syringe
- Primary container and device engineered for compatibility, to reduce development risk
- Accelerated path to market for large-volume subcutaneous therapies



SCHOTT
PHARMA

Proven usability for large-volume self-injection

- Human factors study conducted in the USA (June 2026) with 30 participants, including users with hand weakness and dexterity limitations
- **100% successful injections** across all participants
90% rated one-handed administration at a 45° angle as easy
- Mean injection time under 30 seconds



Insight
by Nemera

Device specifications

Primary container	5.5mL, ½ inch staked-needle PFS	Needle types	27G STW & 25G ETW ²
Fill Volume	>2.25mL - 5.5mL	Injection time	-30s on average
Dosing	Single-use, disposable device	Needle insertion depth	5-8 mm
Viscosity	Tested up to 20 cP ¹	End of injection feedback	Visual

¹ Higher viscosities supported, subject to needle dimension and injection time

² sTW= special Thin Wall and ETW= Extra Thin Wall

Manufacturing capabilities



High scale manufacturing capacity is installed in two of our plants:

Locations in Europe and in the United States. Each plant is duly certified, complying international standards for GMP.



La Verpillière, facility in France



Buffalo Grove, facility in USA

Network of partners for prefilled syringes, CDMO and machine suppliers for final assembly

Nemera has successfully brought more than 20 combination products to market, building a strong ecosystem of trusted partnerships across leading syringe manufacturers, CDMOs and equipment suppliers.

This proven network supports primary container compatibility assessment, assembly equipment readiness and industrialization planning, helping pharmaceutical companies reduce development risk, accelerate timelines and move confidently toward commercialization.

Want to know more?



www.nemera.net



info@nemera.net



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