



# Summary of capabilities

## Ridgefield, NJ, USA

### Facility facts

Established in 2008, ~240 employees

### Facility overview

**Total site:** ~360,000 sq. ft.

**Manufacturing:** ~80,000 sq. ft.

**Office space:** ~50,700 sq. ft.

**Warehouse + cold storage:** ~65,200 sq. ft. + 2,800 sq. ft.

**Packaging:** ~8,800 sq. ft.



### Overview

Our Ridgefield, New Jersey sterile fill-finish and packaging facility is strategically located to optimize logistics while attracting top talent from along the East Coast.

This site is fully integrated into the global pharmaceutical supply chain, with products manufactured here distributed to 67 countries across all continents.

### Expertise

- Viscous product filling
- Formulation
- Aseptic processing
- Terminal sterilization
- **Filling:** 2 syringe lines + 1 vial line
- **Integrated AVI and packaging:** 2 syringe lines + 1 vial line
- Global distribution



## Summary of current filling capabilities

	Semi-auto line	Automated syringe line	Automated vial line
<b>Equipment</b>	<b>Inova H6-10V RABS</b>	<b>Inova H3-5V RABS</b>	<b>Vfvm27310 RABS</b>
<b>Filling technology</b>	<ul style="list-style-type: none"> <li>10 x rotary piston</li> <li>10 x peristaltic pump</li> </ul>	<ul style="list-style-type: none"> <li>5 x rotary piston</li> </ul>	<ul style="list-style-type: none"> <li>12 x rotary piston</li> <li>(12 x peristaltic pump capable)</li> </ul>
<b>Format capability</b>	0.5 mL to 10 mL	0.5 mL to 10 mL	2 mL to 20 mL
<b>Format parts available*</b>	None	<ul style="list-style-type: none"> <li>1 mL short</li> <li>1 mL long</li> <li>5 mL rotary piston</li> </ul>	<ul style="list-style-type: none"> <li>2 mL</li> <li>5 mL</li> <li>10 mL</li> </ul>
<b>Formats currently filled</b>	<ul style="list-style-type: none"> <li>0.5 mL long</li> <li>1 mL short</li> <li>1 mL long syr, staked needle</li> <li>1 mL long, PRTC</li> </ul>	<ul style="list-style-type: none"> <li>1 mL short</li> <li>1 mL long</li> <li>5 mL rotary piston</li> </ul>	<ul style="list-style-type: none"> <li>2 mL (commercial)</li> <li>5 mL (feasibility)</li> <li>10 mL (qualified)</li> </ul>
<b>Line speed</b>	600 syr/min	<ul style="list-style-type: none"> <li>150 (viscous product) syr/min</li> <li>300 (liquid product) syr/min</li> </ul>	400 vials/min
<b>Additional info</b>	<ul style="list-style-type: none"> <li>E-beam</li> <li>In-line IPC</li> </ul>	<ul style="list-style-type: none"> <li>Proven capability of filling viscous products</li> <li>No in-line IPC</li> </ul>	<ul style="list-style-type: none"> <li>In-line IPC</li> <li>Vials washed and sterilized on site</li> </ul>

\* Available parts are format parts in inventory that are not currently in use and require passivation before use. Parts for other formats would need to be procured.

## Summary of current packaging capabilities

	Semi-auto line	Automated syringe line	Automated vial line
<b>Inspection</b>	<b>No in-line inspection (manual)</b>	<b>Seidenader VI-60S+HV Denester/revester</b>	<b>Syntegon AIM-2022 Nikka HDB-II-AST HV leak detector</b>
<b>Equipment</b>	<ul style="list-style-type: none"> <li>Optima sh110 denester</li> <li>Optima EKM-331 assembly machine</li> <li>Alloyd rotary blister sealer</li> <li>Fabrima VP120 cartoner</li> <li>Manual case packer</li> </ul>	<ul style="list-style-type: none"> <li>2x VSM 2031</li> <li>Korber CP500 thermoformer</li> <li>Korber P1600 cartoner</li> <li>IMA CP18/flex2p case pack/palletizer</li> </ul>	<ul style="list-style-type: none"> <li>IMA libra sens A/V labeler</li> <li>IMA FR60 cartoner</li> <li>IMA vertical</li> <li>Cartopallet case packer/palletizer</li> </ul>
<b>Serialization</b>	Manual serialization and aggregation	Serialization and aggregation	Serialization and aggregation
<b>Format capability</b>	<ul style="list-style-type: none"> <li>Flexible 0.5 mL–10 mL syringes</li> <li>Flexible 2 mL vial (serialization and hand pack)</li> </ul>	0.5 mL to 10 mL	2 mL to 10 mL
<b>Format parts available</b>	<ul style="list-style-type: none"> <li>2.25 mL</li> <li>5 mL</li> <li>10 mL syringes</li> <li>Blisters</li> <li>Cartons</li> <li>Cases</li> </ul>	<ul style="list-style-type: none"> <li>0.5 mL long</li> <li>1 mL long</li> <li>1 mL short</li> </ul>	<ul style="list-style-type: none"> <li>2 mL</li> <li>5 mL</li> <li>10 mL</li> </ul>
<b>Formats currently packed</b>	<ul style="list-style-type: none"> <li>2.25 mL syringe</li> <li>10 mL syringe</li> <li>2 mL vial</li> </ul>	<ul style="list-style-type: none"> <li>0.5 mL long</li> <li>1 mL long</li> <li>1 mL short</li> </ul>	<ul style="list-style-type: none"> <li>2 mL (commercial)</li> <li>5 mL (feasibility)</li> <li>10 mL (qualified)</li> </ul>
<b>Line speed</b>	~40 syr/min depending on format/lot size	600 syr/min	<ul style="list-style-type: none"> <li>400 vials/min for 2 mL</li> <li>150 vials/min for 10 mL</li> </ul>
<b>Additional info</b>		Preventis safety device capable Inspection and packaging in-line or decoupled	Inspection and packaging in-line

# From molecule to medicine:

## An integrated partner for every step in your drug development journey.

Thermo Fisher Scientific provides industry-leading pharma services for drug development, clinical trial logistics, and commercial manufacturing through our Patheon™ brand. We partner with customers in the pharmaceutical, biotech, and life sciences industries as their trusted CDMO to deliver medicine to patients faster. With more than 60 facilities around the world, we provide end-to-end pharma services across all phases of development and commercial manufacturing, including API, oral solid dose, biologics, cell therapy, mRNA, viral vectors, formulation, clinical trial solutions, logistics services, and packaging. We couple our scientific and technical excellence in these areas with a strategic partnership to provide customers of all sizes access to a global network of facilities and dedicated experts across the Americas, Europe, Asia, and Australia. Through our integrated service offerings, we provide tailored solutions to fit your unique drug development journey, accelerating your time to market.

**Discover the power of our global network.**

For detailed capabilities and capacity information,  
please contact your Thermo Fisher Scientific representative.

Learn more at **[thermofisher.com/patheon](https://thermofisher.com/patheon)**  
or email us at **[pharmaservices@thermofisher.com](mailto:pharmaservices@thermofisher.com)**  
or call **+1 919 226 3200**

