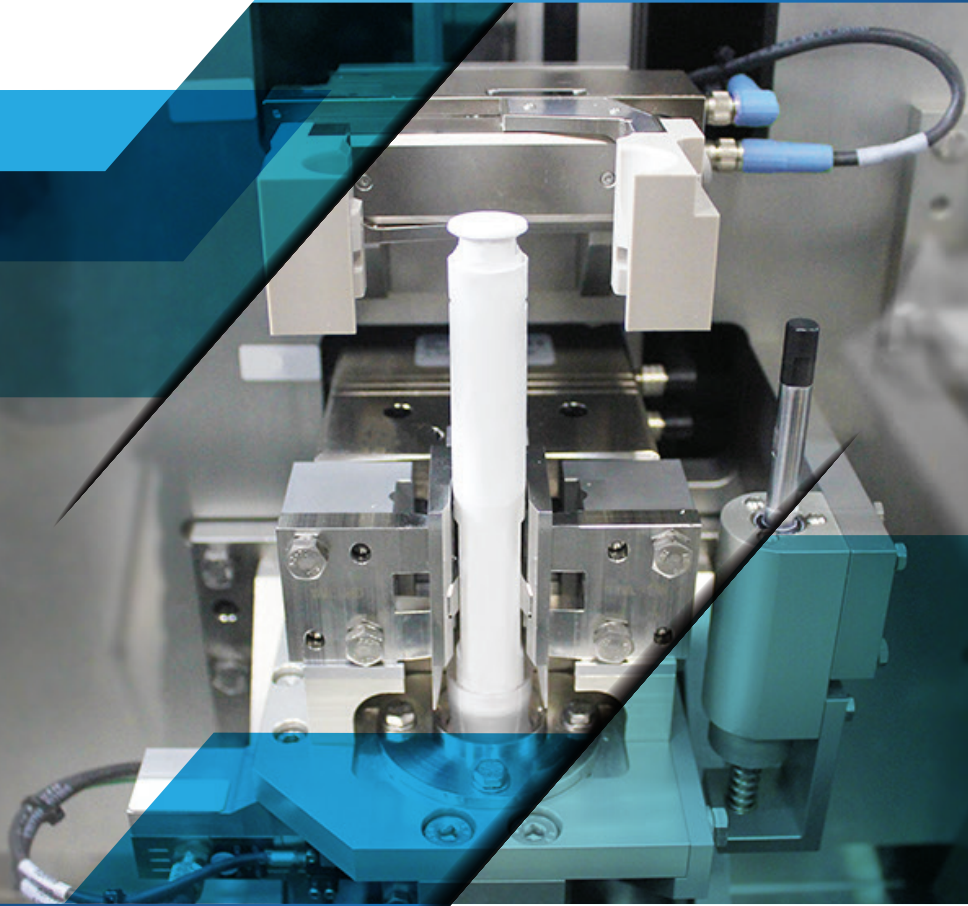


# Low Volume Injector Assembly Cell



Ideal for low volume applications:  
/ Clinical Trials  
/ Production of Orphan Drugs  
/ Personalized Medicine

Flexible assembly  
of low-volume  
combination products



## Key Features

- / Automation for validating combination device assembly
- / Transferable and scalable technologies for high volume
- / Force-distance control to verify good part assembly
- / Data management for auditing and traceability
- / Small footprint for manufacturing flexibility



## Flexible assembly specifically designed for small batch production and future scalability.

ATS brings years of experience in high-volume assembly of autoinjectors and pen injectors to now also meet your low-volume and batch production needs.

ATS' Low Volume Injector Assembly Cell is a semi-automated, servo-driven cell that uses force-displacement feedback to ensure proper device assembly. The load cell delivers a force-displacement curve. This data and process provides a baseline for when the technology is scaled for high volume.



High Volume Injector Assembly Cell

Flexibility was designed into the system allowing the base model to be configured to assemble most industry relevant autoinjectors and pen injectors (such as YpsoMate®).



## Adaptable for standard injector components

### Autoinjector:

- / Device - Body
- / Device - Drive Unit / Power Pack
- / Pre-filled Syringe (PFS)

### Pen Injector:

- / Device - Cartridge Holder / Cap
- / Device - Dosing Mechanism
- / Cartridge

## Advanced capabilities in a convenient and safe package.

The system's tabletop construction makes it ideal to produce small batch quantities but without sacrificing vital floor space. The system is compact which means you can easily move it from one location to another either using your own standard industrial tables or ATS' standard tables.

The cell is completely enclosed. This maintains, not only product traceability, but also ensures operator safety in the event of a misassembled product.



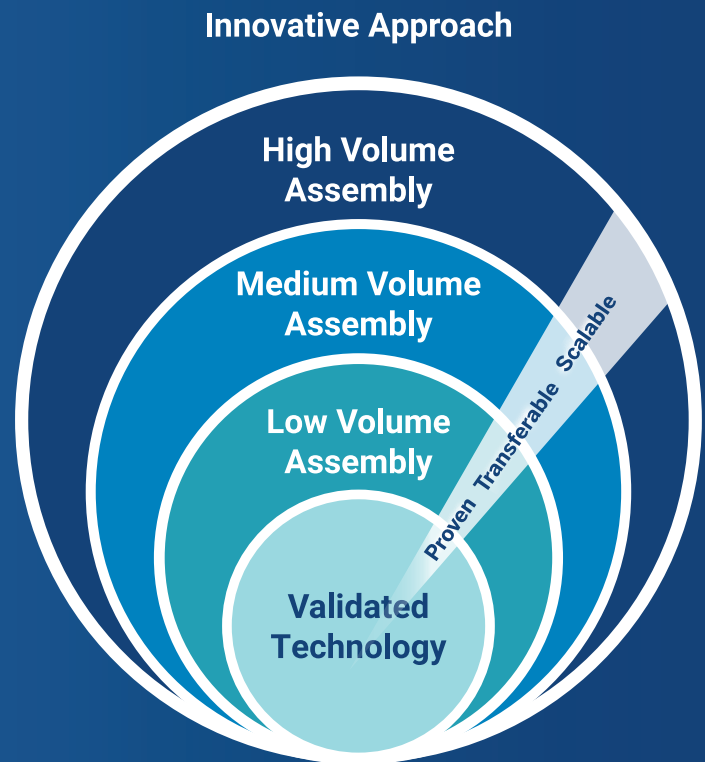
Low Volume Injector Assembly Cell

# ATS Injector Assembly - Table Top Specifications

Technical Specs	
Footprint:	1100 mm x 720 mm (w x l)
Height:	1030 mm (top of enclosure)
Weight:	320 kg
Part Rate:	2 PPM
Communication:	Ethernet Protocols
HMI:	7" Touchscreen
Power:	230 V. 20 A. 50 Hz
Options:	Contact Sales for more information

Your **first steps** on the technology continuum.

ATS **your partner** at technology validation and all the way through **high volume assembly**.



Contact us at [info@atsautomation.com](mailto:info@atsautomation.com)



[www.atsautomation.com](http://www.atsautomation.com)

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