

# GENiSYS<sup>®</sup> C

The GENiSYS C provides unrivaled flexibility in a compact layout for small batch aseptic production. With an intuitive user interface, and the ability to process nested ready-to-use or custom vials, syringes and cartridges, the system can be configured to your process requirements. Advanced features include:

- **In-Process Control (IPC)** for real-time weight feedback and product yield maximization
- **Environmental Monitoring (EM)** for viable, non-viable, and particle monitoring
- **Electronic Batch Records (EBR)** to record critical process information that can be used to create 21 CFR Part 11 compliant batch reports
- **Pump Integration** options include peristaltic, rotary piston, and time pressure filling
- **Barrier System Integration** to protect your product and operators during the filling process



**GENiSYS C is an advanced  
yet compact, flexible  
small batch filling system.**



253-475-0200  
sales@ast-inc.com  
www.ast-inc.com



The GENiSYS C is ideal for use in labs and cleanrooms with minimal available space. The system can be fully integrated with a range of barrier systems, including:

- Laminar Airflow (LAF) hoods
- Restricted Access Barrier Systems (RABS)
- Aseptic isolators

With many features typically found in large scale filling machines, the GENiSYS C's compact footprint makes it the idea system for small scale filling applications including:

- R&D
- Process development
- Engineering runs
- Niche product manufacturing
- cGMP clinical trials
- Small batch commercial manufacturing

*GENiSYS C and VSM with extended multi-pressure zone Laminar Airflow hood*



The GENiSYS VSM pairs seamlessly with the GENiSYS C to automate vial sealing with crimp caps after filling

and stoppering. The VSM can accommodate a wide range of vial sizes, and allows users to set, monitor and record critical recipe parameters. With minimal particle generation during sealing and the ability to provide consistent, high-quality seals, the GENiSYS VSM is ideal for finishing vials alongside the GENiSYS C.

#### GENiSYS C Technical Information

Containers	Pre-sterilized vials, syringes and cartridges
Vial Closing / Sealing	<ul style="list-style-type: none"> <li>• Serum or lyo stoppers</li> <li>• Press-fit cap application</li> <li>• Crimp capping available</li> </ul>
Syringe Closing	Vacuum, vent-tube and vacuum/vent-tube combination
Available Options	<ul style="list-style-type: none"> <li>• In-process fill weight verification (IPC) and automated dynamic pump calibration</li> <li>• Viable, non-viable and total particulate monitoring (EM)</li> <li>• Electronic Batch Report (EBR) system</li> <li>• Pre- and post-fill container gas purge</li> <li>• Integrated barrier systems</li> </ul>
Production Rate	C10: Up to 10upm C20: Up to 20upm
Product Contacting Materials	Pharmaceutical grade stainless steel, plastics, and elastomers
Operator Interface	ASTView on a 10" color touchscreen



253-475-0200  
sales@ast-inc.com  
www.ast-inc.com