

DecFill® DVM

Automatic De-Vialing Machine (Extraction of Liquids)

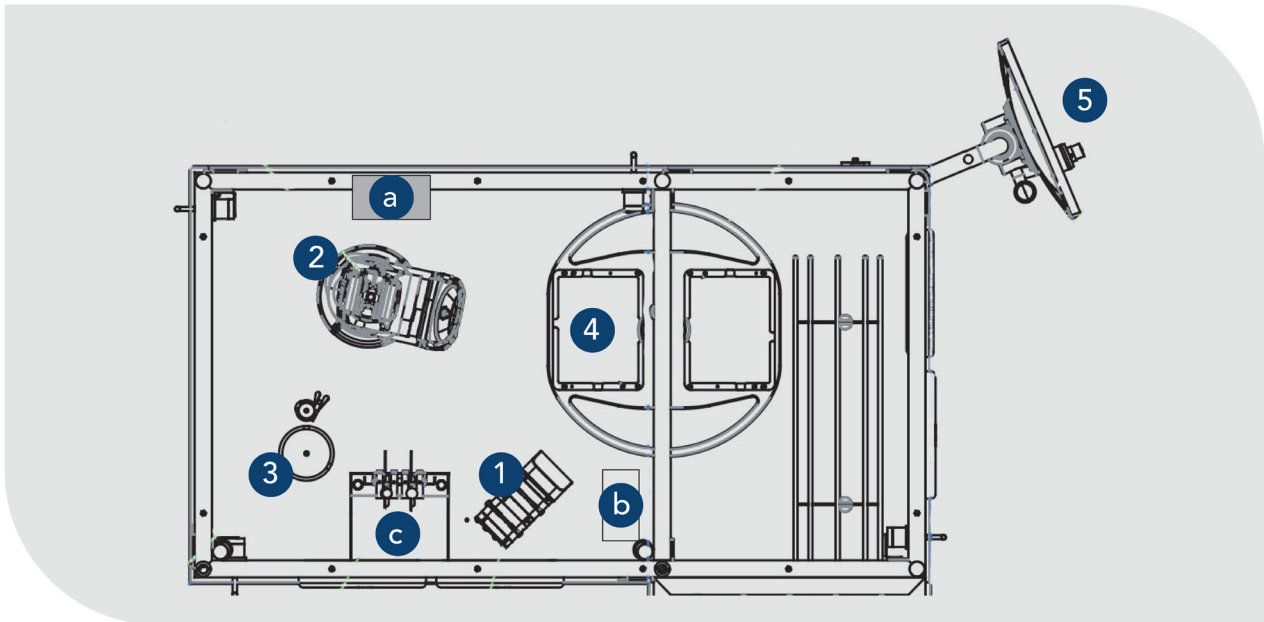


DecFill® DVM efficiently extracts vial contents using advanced features such as peristaltic pumps, servo-driven extraction needles, cap removal station, pulsed UV light surface decontamination, a 6-axis robot for vial transport, and a Laminar Air Flow with RABS for pharmaceutical-grade production within an ISO 7 cleanroom. Its compact footprint makes it an innovative solution for the compounding sector to increase operational efficiency and maximize the recovery of valuable products within sealed vials.

Technical Data	DecFill® DVM
Output	1800 vials/hour
Container Size	3mL - 30mL
Approx. Machine Dimensions	1800mm x 1800mm

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- ❶ **Rapid Vial Emptying:** Peristaltic Pumps allow for the quick emptying of vials at a rate of up to 30 vials per minute, increasing production efficiency.
- ❷ **Efficient Vial Transport:** The 6-axis Stäubli robot efficiently transports two vials simultaneously to three process stations, optimizing workflow.
 - a Transport from the nest to de-capping station to delicately remove the cap.
 - b Movement to the innovative pulsed UV light station for surface decontamination of the top of the vial stopper, reducing contamination risk.
 - c Transport to the emptying station where the product in the vials is extracted using a servo-driven peristaltic pump, maximizing product recovery.
- ❸ **Enhanced Containment:** The Laminar Air Flow (LAF) system with an H14 Grade HEPA Filter and particle monitoring maintain a controlled environment, within an ISO 7 cleanroom, ensuring high pharmaceutical industry standards for product quality.
- ❹ **Easy changeovers:** Toolless size parts and single-use tube kit assemblies allow quick changeovers to different vial sizes and products, enhancing operational flexibility.
- ❺ **User-Centric Interface:** Navigate with ease using the touchscreen operation and system control via HMI, ensuring user-friendly operation.
- ❻ **Space-Efficient Design:** DVM machines boast a compact footprint allowing for efficient space utilization in compounding facilities.