



Automation-Friendly Tubes

Future Proof Your Lab: Ensure the integrity of your precious samples.

Step into the future of laboratory efficiency with Hamilton's automation-friendly tubes. Selecting the right tube isn't just a choice - it's a strategic decision impacting your entire workflow.



Streamline Processes with Standardization

Streamline your processes by standardizing your consumables. Hamilton's diverse tube portfolio offers the ideal solution for standardizing your manual or automated workflow, providing tubes in the optimal volume range for your needs.



Sample Integrity with Speed

Accelerate your processes without compromising sample integrity. Hamilton tubes are designed for seamless integration with automated and semi-automated systems, eliminating the need for time-consuming manual sample labeling and decapping. No more unreadable handwritten labels!



Simplify Sample Traceability

Eliminate sample tracking errors with high-definition barcode traceability. Each tube is barcoded for instant, error-free identification. With Hamilton tubes, you'll never waste time searching for misplaced samples again, and thanks to the human-readable ID verification of your sample, it's easier than ever before.

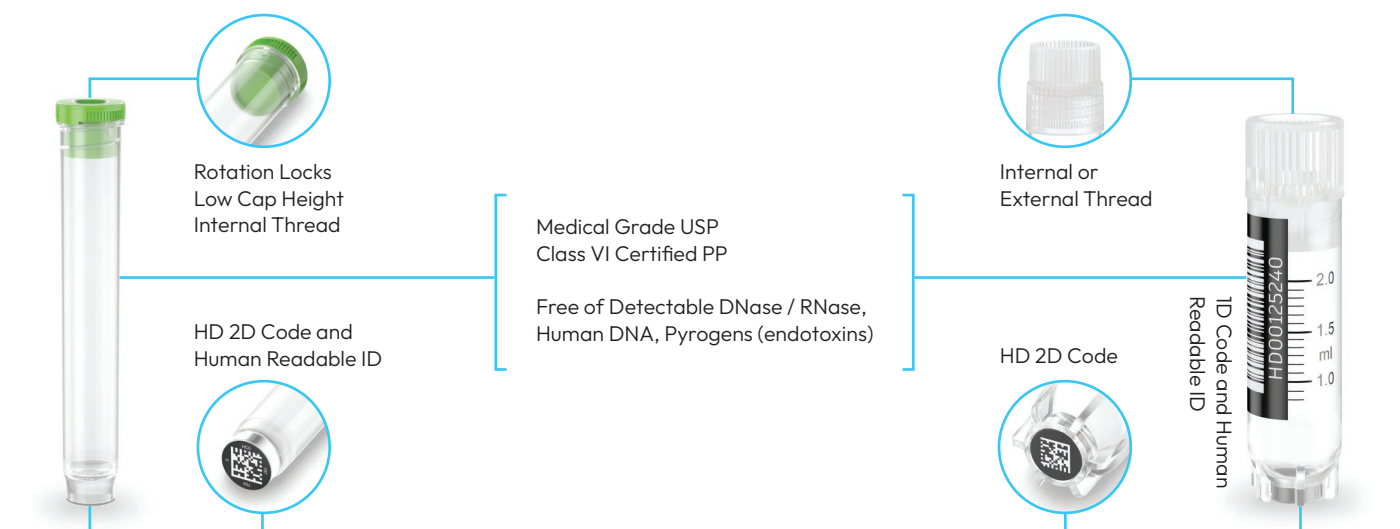


Ready for Automation When You Are

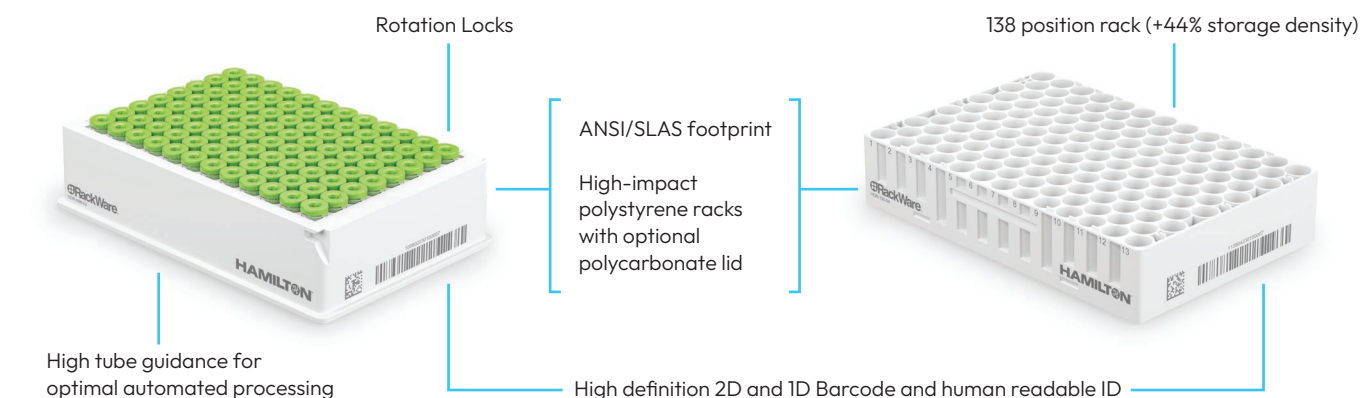
Transition smoothly from manual to automated processes. Hamilton tubes are versatile, featuring round bottoms and sturdy racks for easy handling in both manual and automated environments. Start with manual workflows and upgrade to full automation at your own pace. Hamilton tubes, the foundation for your automation.

Meet Hamilton - Your Trusted Partner

- 1 PROVEN EXCELLENCE:** For more than 70 years, Hamilton has led the industry with innovative, customer-centric solutions and uncompromising quality.
- 2 COMPREHENSIVE SOLUTIONS:** We offer more than just tubes. From consumables to fully-automated decapping, liquid handling and automated storage, Hamilton provides end-to-end workflow solutions.
- 3 STRATEGIC ADVANTAGE:** Choosing Hamilton tubes impacts your entire operation. Optimize your workflow, reduce errors, and increase your throughput. Connect with our representatives to unlock the full potential of your laboratory processes.



Geometrical and Mechanical Tube Properties					
Tube Type	0.3 mL	0.6 mL	1.0 mL	2.0 mL	2.0 mL
Thread	Internal	Internal	Internal	Internal	External
Working Volume	235 µL	580 µL	975 µL	2,000 µL	2,200 µL
Dimension (mm)	8.8 x 18.3	8.8 x 33.3	8.8 x 50.5	12.5 (tube body and cap) x 47.8	12.5 (body) / 13.1 (cap) x 47.4
Recommended Closure Torque	5-7 Ncm	5-7 Ncm	5-7 Ncm	20.5 Ncm	25 Ncm
Centrifugation	N/A	N/A	N/A	5,800 x g: swinging-bucket rotor 26,000 x g: fixed-angle rotor	
Temperature Range	-196°C to +37°C (closed tube) / +37°C to +100°C (open tube) DO NOT STORE IN LIQUID NITROGEN				
Tube Bottom Shape	Round Bottom	Round Bottom	Round Bottom	Round Bottom	Round Bottom
Sterilization	SAL 10 ⁻⁵	SAL 10 ⁻⁵	SAL 10 ⁻⁵	SAL 10 ⁻⁶	SAL 10 ⁻⁶
Production	ISO Class 8 Cleanroom	ISO Class 8 Cleanroom	ISO Class 8 Cleanroom	ISO Class 8 Cleanroom	ISO Class 8 Cleanroom



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