

Custom Glass Flow Restrictors for Controlled Fluid Delivery

Precise fluid control starts with precision manufacturing. Drummond Scientific manufactures custom glass flow restrictors designed to meet your specified flow requirements. Backed by decades of glass manufacturing expertise, our flow restrictors deliver consistent, reliable performance across a wide range of applications.



Engineered for Impact



Built Around Your Specification

Each flow restrictor is manufactured to your specified flow rate, eliminating the need to establish wobble tolerances.



Tested for Confidence

Every component is verified through 100% automated flow testing to meet ISO 28620 requirements before shipment.



Adaptable by Design

Choose from multiple glass materials, custom outer diameters, lengths, and bonding options to meet your device's performance and integration requirements.



Made to Last

Glass offers dimensional stability, chemical resistance, and compatibility with major sterilization methods, including ethylene oxide, radiation, moist heat, dry heat, vaporized hydrogen peroxide, and gas plasma.

Common Applications

- Portable infusion pumps
- Disposable blood pressure transducers (DPT)
- Fast saline flush devices
- Precision fluid delivery

Product Specifications

- Flow rates from 0.06 to 1,400+ mL/hr across a range of pressure differentials
- ASTM Type III soda lime glass (Schott AR-GLAS®)
- Type I borosilicate glass available for specific applications
- Standard lengths: 8 mm and 9.5 mm (custom lengths available)
- Compatible with silicone O-rings and UV curable adhesive bonding

Powered by Precision Glass Expertise



In partnership with Accu-Glass, LLC, a Drummond Company, we bring more than 50 years of specialized glass manufacturing experience to every project. From concept through production, our team develops custom glass components using proprietary manufacturing processes, custom equipment, and rigorous quality controls.

Let's Build Together.

Request a sample or a tailored quote today.

1 800.523.7480 | info@drummondsci.com | www.drummondsci.com

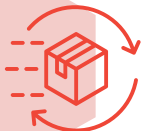


Who We Help



Early Stage Innovators

Get reliable flow performance engineered into your device from Day 1.



Scaling Startups

Move from prototype to high-volume production with a flexible manufacturing partner.



Established Brands

Extend internal capacity with specialized glass and precision component support.

Our Facility at a Glance

- **100,000+ sq. ft.** U.S.-based facility
- **80+** custom-built automated lines
- **In-house** engineering, quality control, and automation
- **Climate-controlled environments**, with humidity regulation, including access to Class E cleanrooms
- **Custom** packaging, inspection, and traceability systems
- **FDA-registered**, ISO 13485:2016 certified

What We Manufacture

- Point of Care and OTC Diagnostics
- Precision Sample Handling Devices
- Lateral Flow Assays
- In Vitro Fertilization Products
- Laboratory Equipment & Consumables
- Other Products That Create and Save Lives



Behind the Innovation

Our team drives quality and reliability from early design through full-scale production.



Chris Strohsahl
Chief Executive Officer



Mike Lutz
Chief Business Officer



Scott Ferguson
Venture Manufacturing Director

Let's Build Together.

Request a sample or a tailored quote today.

1 800.523.7480 | info@drummondsci.com | www.drummondsci.com



Drummond Scientific Company



@DrummondSci