

We have more than 50 years of experience in manufacturing inorganic and organometallic chemicals. We offer more than 500 metal precursors for chemical vapor deposition (CVD) and atomic layer deposition (ALD) applications, which support exciting research and development breakthroughs in microelectronics and many other applications. To help our customers accelerate their R&D projects, we conveniently offer complete CVD/ALD services, including bubbler and cylinder options, filling, refills, and cleaning.

High-Purity ALD/CVD Precursors

Strem Catalog's metal precursors include an ever-expanding portfolio of alkyls, alkylamides, alkoxides, amidinates, β -diketonates, carbonyls, organometallics, electronic grade chemicals, silanes & silanols and halides. These products are available in electronic-grade purity levels, and from R&D to commercial-scale quantities.

CVD Bubblers in Various Configurations

CVD bubblers are used to convert CVD compounds from liquid or solid precursors into a vapor to be delivered onto a substrate. Strem Catalog offers electropolished stainless steel bubblers in a variety of sizes and in horizontal and vertical configurations.

ALD Cylinders

ALD cylinders are used to deposit thin films uniformly on a substrate surface via a chemical reaction inside a vacuum chamber. We offer standard, high-temperature and electropolished cylinders.

Fills & Refills

The Strem Catalog offers flexible options to meet ALD/CVD needs, including empty or pre-filled cylinders, as well as new bubblers that come pre-filled and ready to use. We also provide refill services for existing bubblers. Since ALD/CVD equipment often requires specialized containers, the Strem team can fill compatible cylinders and bubblers even if they were not originally purchased from the Strem Catalog, helping customers save time and keep their processes running smoothly.

High-Quality Cleaning Services

The Strem team provides thorough, professional cleaning of cylinders and bubblers, which is essential to maintain the quality and consistency of chemicals. If customers want to reuse a cylinder or bubbler with a different chemical, Strem's comprehensive cleaning services protect against cross-contamination.

**STREM
CATALOG**
Part of Ascensus Specialties

Strem Catalog provides high-quality ALD/CVD precursors, cylinders, bubblers and services that will deliver results you can trust and be confident in, no matter the challenge.

To learn more, visit strem.com/cvd-ald.

About Strem Catalog: The Strem Catalog originated with Strem Chemicals in 1964. Following the acquisition of Strem Chemicals by Ascensus Specialties in 2021, the Strem Catalog has remained part of Ascensus ever since. Its clients include academic, industrial and government research and development laboratories as well as commercial scale businesses in the pharmaceutical, microelectronic and chemical/petrochemical industries.