



Corporate Profile



In December of 1998 CVD Equipment Corporation, AMEX (CVV) purchased all assets of Stainless Design Corp., both tangible and intangible, including all of the intellectual property. This new company, **STAINLESS DESIGN CONCEPTS (SDC)**, now operates as a division of CVD Equipment Corporation. While CVD is a manufacturer of chemical vapor deposition and other custom/research equipment for the semiconductor industry, SDC made its mark as a technology driven manufacturer of Ultra High Purity (UHP) gas and chemical delivery systems for state-of-the-art semiconductor fabrication processes. SDC operates out of a 25,000 ft² facility fitted with over 4,000 ft² of Class 10 and Class 100 clean room manufacturing and laboratory space. These areas are tooled with over \$1 Million in support and analytical equipment. With a clear understanding of how instrumental process support equipment has become to next generation microchip production, SDC offers complete gas and chemical delivery product lines ranging "From the Fab to the Lab". SDC is uniquely positioned for growth through global sales to major semiconductor, optoelectronic, optical fiber, OEM as well as research, laboratory and University.

SDC is headquartered in Saugerties, New York, about two hours north of New York City. SDC has a reputation for utilizing innovation and technology to produce a complete line of gas and chemical management systems delivering **QUALITY** directly to the semiconductor wafer. Spawned from a small field construction office, SDC has burgeoned into an influential equipment manufacturer with sales in excess of \$160 Million since its inception. This one time "field construction office" has evolved into the company's Field Operations Department, holding a pulse on technology, trends and opportunities while providing a **TURNKEY** capability enjoyed by few in our niche. Customers now recognize SDC's gas management systems and application specific chemical systems among the most advanced available. What differentiates SDC from the competition is its intimate understanding of the point-of-use process applications, having designed and built complex process gas systems for the world's leading semiconductor equipment manufacturers and End Users such as: Texas Instruments, Lucent/Agere, Applied Materials, Motorola, Intel, IBM, Lam Research, Novellus, SVG, Tokyo Electron, Di-Nippon Screen, The Chinese Ministry of Electronics, Semitool, Emcore, and many more.



SDC, a Division of CVD Equipment Corporation

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Advanced Manufacturing

SDC's facility offers cutting edge design, clean room manufacturing and certification testing of UHP stainless and plastic systems. SDC boasts eight (8) highly experienced, full-time engineers operating in AutoCAD's latest Inventor 3D Modeling software. An enormous database of design icons accelerates design cycle time. The 4,000 ft² Class 10/100 space is fully fitted with electrical facilities, bulk UHP nitrogen and argon, and 18 meg-ohm de-ionized water used in the high purity orbital welding and final test processes. There are six (6) clean room orbital weld stations and facilities expansion slots for numerous future stations.

SDC's Field Service Group is well equipped with several additional orbital weld systems of their own. SDC's expertise and quality control in orbital welding of stainless steel are at the very foundation of the purity, reliability, and safety achieved in SDC's products. The company's analytical laboratory performs full certification of products under both dynamic and static test conditions to verify functionality and meeting Ultra- High-Purity (UHP) specifications. SDC has implemented a computerized materials resource requirement planning system to track all aspects of production. SDC has a well-seasoned Quality Management Program to improve many areas of the company's business processes including; manufacturing efficiency, on-time deliveries, supplier and customer partnering. The goal of this program is total customer satisfaction.

The current market for UHP gas and chemical delivery equipment tops \$1 Billion, covering products ranging from manual gas/chemical panels to fully automated gas and chemical management systems. Driven by newer nanotechnologies and the usual push for smaller geometry's and more densely populated microchips, a much higher purity of gases/chemicals is required. No other company we know of offer the proven versatility of comprehensive manufacturing combined with field knowledge to provide for true TURNKEY gas and chemical delivery.

Principles:
Len Rosenbaum – President/CEO
Glen Charles – CFO
Kevin Collins – General Manager

SDC, A Total Solutions Provider for Your Gas and Chemical Management Needs

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