



A Custom System with Multiple Sources

- Electron Beam Source
- Wafer Thermal/Sources
- Resistance Thermal Sources
- DC Sputter Source
- RF Sputter Source
- ION Beam Source
- Effusion Cell Source
- Laser Ablation Source



Vertical- VS Horizontal- SS Series

SCT offers Vertical (VS Series) and Horizontal (SS Series) sputter systems with chamber diameters from 12 inches to 45 inches. These tools are suitable for research and development as well as high-rate production. One example of these range of systems is the VS-27C vertical, batch-type sputter system which is designed for maximum flexibility. It meets the challenges of almost every sputtering deposition process.

Hositrade Vacuum Technology

represent **System Control Technologies (SCT)**. **SCT** design and manufacture physical vapor deposition (PVD) thin film coating systems and components. Core technologies include thermal, and electron beam evaporation, RF/DC sputtering, ion plating, ion-beam sputtering, plasma deposition and ion-assisted (otherwise known as "IAD" or "IBAD") deposition.

SCT serve a wide variety of markets including precision optics, fiber optics, displays, electronic devices, flat panel semiconductors, functional and decorative coatings, flexible circuits, electro-optics, storage media, MEMS and nano-fabrication, photovoltaics, compound semiconductors and defense industry applications.

Custom Features

All of SCT's systems are built to customer specifications, making each system unique. Their engineering department can make any desired modifications to the basic design so that they can provide you with a fully documented custom system tailored to your specific requirements.

As a company with a great deal of high vacuum expertise, they continue to develop and improve new designs. They identify the best features in competing products and integrate them into their systems.



www.systemcontroltechnologies.com

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