SEMICONDUCTOR CHAMBERS

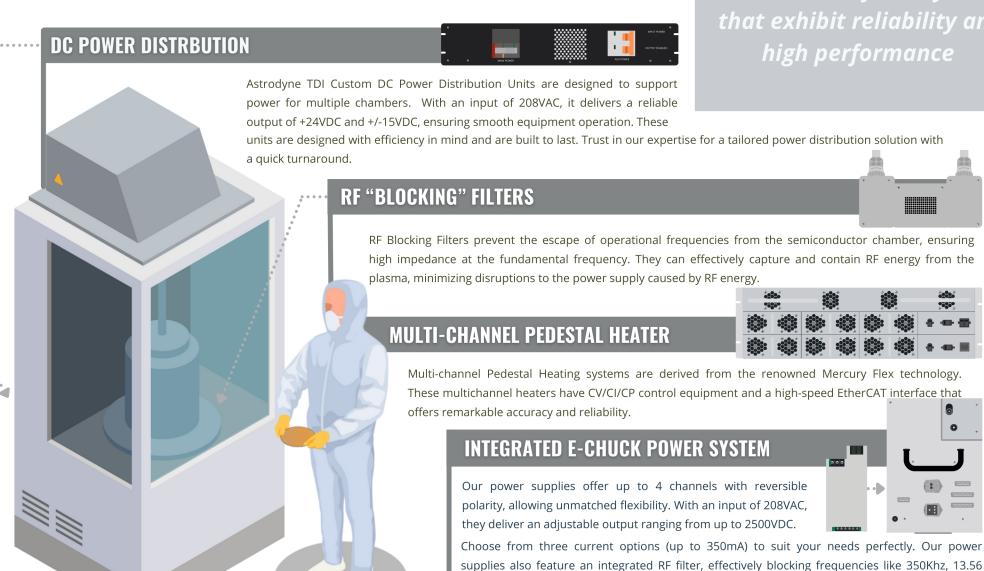
Unveiling the Power of Semiconductor Chamber Front End



Power and RF filter systems that exhibit reliability and

Mhz, 27.12Mhz, and 40MHz to prevent interference. Whether you prefer analog or EtherCAT

controls, our power supplies seamlessly communicate with your system.





POWER SOLUTION FOR SEMICONDUCTOR PROCESSES

Unveiling the Power of Semiconductor Chamber Front End

Front-end semiconductor manufacturing relies on advanced technology to ensure accurate and precise results. Voltage and current precision are crucial factors that demand careful control and communication. This process's power and filter systems must exhibit reliability and high performance without compromising cost-efficiency. A critical aspect is achieving Copy Exactly (CE!) standards, ensuring consistency and reproducibility. Integration of power, RF, EMI filters, and PDU (Power Distribution Unit) is also essential for streamlined operations and optimal functionality.

Astrodyne TDI offers a wide range of capabilities to meet the unique power requirements of Semiconductor Manufacturing, including:

- Application expertise to solve unique and complex technical challenges, including high power density, programmability, and high-current DC control
- Quick-turn PDU development to meet customer project timelines
- ✓ A broad range of PSU for easy configuration at short lead times
- Product features are designed to meet wafer fab requirements including Semi F47 and Semi S2, 3-phase high voltage input, liquid-cooling, variable outputs and higher voltages, RF energy filtering, and copy exact (CE!)



Download our product brochure for more information

