



## A Global Company

Global Zeus, a global supplier of products and services to the semiconductor, solar cell and flat panel display industries, is one of the leaders in the development and application of innovative solutions in information technology.

### GRANVILLE-PHILLIPS® Vacuum Measurement Solutions

Division of Technology for Productivity

Granville-Phillips® provides vacuum measurement solutions to meet a variety of application requirements and vacuum measurement ranges. Granville-Phillips® vacuum gauges, electronics, modular vacuum products, and tailored solutions provide the flexibility, reliability, and precise performance that are essential for a broad range of applications.



835 VQM Differential Pump system



Cold Cathode Gauge Series 500



390 Micro Ion ATM Module



307 Bayard-Alpert Gauge Controller



835 Vacuum Quality Monitor



275 Mini Convecatron Module



275 Convecatron Gauge



### MBE Systems

Veeco provides the industry's broadest line-up of innovative and reliable molecular beam epitaxy (MBE)

### Ion Beam Deposition

Create ultra-precise, high purity thin film layer devices with maximum uniformity and repeatability with NEXUS Ion Beam Deposition (IBD) Systems.

### Ion Sources

Veeco offers the most comprehensive array of ion beam sources for a broad range of applications, including Gridded DC and Gridded RF sources and Gridless Anode and Gridless End Hall sources.

## Discover The Future



6 X 22cm RF Linear Ion Source



16cm RF Ion Source



**Power Supply 공식 AS 대리점**

TDK-Lambda is recognized as the world's leading manufacturer of industrial power supplies. Founded in 1948 TDK-Lambda grew steadily, quickly acquiring a strong reputation for its high standards of quality and reliable products. Today the TDK-Lambda Power group of companies is an international presence with facilities in Japan, China, England, Germany, Israel, Singapore, Malaysia, Singapore and the United States.



**SMART Sealing™**

**Sealing products** ..... our semiconductor grade, elastomers seals are the most high-tech sealing solutions on the global market

**Material science** ..... we make seals from the most advanced compounds in the world.

**Application support** ..... we don't just ship products to you, we help you to optimize their use.

**Reliability** ..... our seals enable you to run your process reliably for longer time before maintenance.

**Technological innovation** ... we're developing tomorrow's sealing solutions today.



**High Vacuum Valves**

**HVA is the premier manufacturer and supplier of vacuum valves**

For over 40 years, HVA has been building the highest quality, best engineered vacuum valves in the industry. In addition to our Reno, Nevada manufacturing site, HVA offers both regional U.S. sales offices and worldwide service centers to assist you. Located throughout Europe and Asia, our service centers offer on site repair and service, reducing downtime to a minimum.



**Polycold Systems**

Polycold MaxCool Cryochillers are closed loop cryogenic refrigeration systems that provide up to 2,500 watts or 4,000 watts of cooling, respectively. These cryochillers can be used to capture water vapor and other condensable substances by freezing them onto a cold surface such as a cryocoil or chevron baffle. MaxCool cryochillers are also used to cool and heat objects such as electrostatic chucks used in semiconductor wafer processing.



MaxCool Cryochillers

**CTI-Cryogenics® Cryopump Systems**

The CTI-Cryogenics products are global leaders in cryogenic highvacuum technology. CTI builds a broad array of cryopumps and cryopump systems designed to deliver exceptional performance, reliability and productivity. From our single cryopumps used in a spectrum of high-technology research applications to our sophisticated cryopump systems used in the manufacture of semiconductor, data storage, flat panel, and optical devices, CTI-Cryogenics sets the world standard for cryogenic high-vacuum technology.



On-Board® IS Cryopump Systems Compressors