

**MRL'S Horizontal Thermal Processing Systems**

**150 to 300mm capability.  
High productivity.  
Low cost of ownership.**

**Ready for 21<sup>st</sup> Century Performance!**



With the arrival of the 21<sup>st</sup> Century, demands continue for greater furnace efficiencies and fab densities. You need systems that give you competitive advantages. Like MRL Industries' Thermal Processing Systems. Consider their 4-tube, 150mm Cyclone. It's affordable, and will enhance your cycle time by improvements in yield rates, throughput and reliability—resulting in low overall cost of ownership.

**Higher Productivity and Enhanced Thermal Technology**

■ 30"/40" flat zones for 150–200mm wafers and 24"/30" flat zones for 300mm wafers. ■ Features MRL's proven and precise heating elements, an individual exhaust manifold for tube level control and a fully integrated PC-based DDC process controller.

**User-Friendly and Safe**

■ Provides for easy and safe operation, spare parts access and maintenance. ■ Elements are mounted on slides for easy removal while the hinged/bi-fold doors and panels permit quick service access. ■ Control components are drawer-

mounted, the floating frame design provides improved weight distribution. ■ Source cabinet components are slide-mounted for access during rear tube pull.

**MRL... Heating Up the 21<sup>st</sup> Century**

■ MRL provides quality vertical and horizontal semiconductor furnace systems and heating elements. ■ Serves specific and standard customer process requirements.

Contact MRL today for details.

**Cyclone**