



Release

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**IPSEN REPORTS SALE OF
NEW HIGH PRESSURE QUENCH VACUUM FURNACE**

(April 25, 2006) Rockford, IL - Ipsen Inc. reports the sale of a VFS high-pressure quench vacuum furnace to a major commercial heat treating customer. The QuenchPro furnace, model QPC-5748-12, represents the newest and most versatile of Ipsen's VFS product models, and will be used for a variety of heat treating applications. The chamber size is 36" x 36" x 48", and includes Ipsen's patented GraForm curved graphite heating elements, a graphite insulated hot zone, a 12 bar quench system, and exclusive CompuVac supervisory control system. Shipment is scheduled for May, 2006.

The QuenchPro design incorporates several new and unique performance features not available on other high pressure quench furnaces. The Velocitorr quench system features a new secondary heat exchanger that allows for greater flow and velocity, providing enhanced gas cooling, better energy efficiency, and improved mass flow exchange. Cooling nozzle configuration and location have been engineered to provide better gas penetration into the workload, improved gas velocity and cooling speed, and more uniform quenching speed throughout the cycle. For the convection heating system, innovations include: an internal water-cooled motor which allows the user to fine-tune heating uniformity to the load, and a new isothermic nozzle design with one-way dampers which are normally closed, and open automatically during the quench cycle.

Ipsen International is one of the largest manufacturers in the world of vacuum and atmosphere heat treating furnaces for the thermal processing market.

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