



Autoclave Systems

McGill AirPressure LLC

sales@mcgillairpressure.com

614.829.1200

1777 Refugee Road Columbus, OH 43207-2119

www.mcgillairpressure.com

Dewaxing Autoclave Systems

McGill AirPressure manufactures a specialized, packaged autoclave system to meet the close tolerances required with the investment casting or lost wax process. The types of materials that are usually cast are aluminum alloys, bronzes, tool steels, stainless steels, Stellite, Hastelloys, and precious metals. Parts made with investment castings often do not require further machining, because of the close tolerances that can be achieved.

The investment casting process involves the injection of those various types of metals and alloys into fine sand molds that have been cast from precision wax patterns. The rapid and complete removal of the wax pattern from the mold's casting cavity requires a carefully controlled heating sequence integrated with high-speed pressurization and depressurization, which McGill's dewaxing autoclave systems provide.

McGill AirPressure's dewaxing autoclave systems typically include an ASME Code designed autoclave, packaged boiler with full accessories, control console, wax recovery tank, and complete valving, piping, and wiring for convenient tie-in to existing plant utilities.

McGill AirPressure offers dewaxing autoclave systems in standard sizes and packages as well as custom systems to meet customers' specific needs.



McGill AirPressure's dewaxing autoclave systems are delivered as a complete, ready-to-install package.

