

COMPOSITE AUTOCLAVES



Since 1971 Melco Steel, Inc. has been a leader in the engineering, design and fabrication of autoclave systems. Melco Steel autoclaves, pressure vessels and other related products are designed and manufactured in strict accordance with the ASME Boiler and Pressure Vessel Code, Section VIII, Division 1. The breech lock *Harris* Quick Opening Door is custom designed and fabricated for use on Melco's own autoclaves and pressure vessels and for use by other pressure vessel manufacturers.

Melco Steel, Inc. is proud of its ability to design and fabricate complete autoclave systems that conform to the exact requirements of the end user. Each system is designed to assure complete satisfaction of operation and maintainability. While each system is custom built, we draw upon many years of experience and have been able to refine our standard design concepts to consistently provide a reliable and precision piece of equipment.

Safety is a prime consideration. Typical safeties include "Operator-Inside" alarm, over-pressure & over-temperature protection, door safety interlock and blower motor cooling alarms.



State of the art computer control with Honeywell PLC and ^{invenays} Wonderware are provided that are designed specifically for composite autoclaves. Features include guaranteed soak, part t/c and vacuum control, interactive screens and multilevel security.

- Complete System Design and Installation
- Large, High Production Units to Lab Size Autoclaves
- Curing and Bonding of Composites
- Many Standard Designs Available
- Custom Designs to Suit Your Needs
- Computer Controls Specifically for Autoclave Use
- Economical Microprocessor Based Controls
- Made in USA Since 1971
- Reliable and Efficient Operation
- Contact us for a *Quick Quote*



MELCO STEEL, Inc.

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