

TruTemp™

Composite Curing Oven



Standard Features:

- Standard Sizes, quick-ship sizes available from 6'W x 8'H x 6'L
- Gas or Electric Heating, 500° - 650°F
- Plug Fans with VFD's
- Adjustable ductwork for optimal part heating
- Horizontal Swing Doors
- Vacuum Ports
- Ramp/Soak Controller
- Recorder
- Thermocouple Jack Panels to monitor product
- Recipe and Data Acquisition Systems - Multiple Recipe options, vacuum pressure monitoring, temperature monitoring including Ramp/Soak Controller, Recorder and Recipe Generation, Storage, Data Acquisition and Recording. Override of process parameters to modify set points of T/C's, vacuum.
- World Wide Voltage
- ITS is able to meet NADCAP, AS9100 + AMS275 requirements
- Available Horizontal and Combination airflow provides process customization to meet your application requirements and yields excellent temperature uniformity
- Class A for flammable solvents, adhesive, etc.

Additional Options:

- Custom sizes to meet your needs
- Vacuum Pumps
- Resin Traps
- Pressure Transducers
- Enhanced Cooling
- Vertical Lift Doors
- Chamber Lights
- Powered or Manual Carts
- Insulated Floor
- Pass Through Chambers Available
- Vacuum System – complete proven high efficiency skid mounted vacuum system providing accurate control and measurement of system parameters. Options to expand the system are available
- TUS/SAT – Temperature Uniformity Survey/System Accuracy Test



ITS offers out of autoclave composite curing ovens that provide the most economical, reliable solutions to meet your aerospace composite processing requirements.

Our state-of-the-art designs incorporate multi-port part thermocouple and vacuum systems that meet NADCAP, AS9100 and AMS2750.

ITS composite curing ovens are an excellent solution to processing aerospace parts with an out-of-autoclave solution.

ITS provides a complete composite curing system that includes a custom configured oven, integrated multi-port vacuum system, and process controller.

The ITS composite curing oven maintains tight temperature uniformity +/-5°C or better.

Air Flow

Combination air flow in our standard smaller curing chambers and our Three-Five airflow technology in our large curing chamber to guarantee temperature uniformity.