

- Economical and powerful
- Sub-scale production, laboratory, or University use
- 3' diameter x 5' long
- 200 PSIG @ 650°F
- CPC-NT computer controls



The Econoclave™ 3x5 is the largest member of the Econoclave™ family. Designed for small-scale production and larger R&D parts, this unit has a working area of 3 ft. diameter x 5 ft. long. The Econoclave™ 3x5 is the most economical 3' diameter composite curing autoclave on the market.

#### Specifications

- 36" working diameter x 60" working length
- 200 Psig @ 650 °F maximum working
- CPC-NT computer control system
- Pentium III PC, Windows NT, and HP color deskjet printer
- Ethernet I/O hardware
- 480 Volt supply (240 optional)
- One (1) air temp thermocouple—Type-J
- Eight (8) part temp thermocouples—Type-J
- Vacuum pump (optional)
- Three (3) vacuum source ports
- Three (3) vacuum probe ports with transducers
- Cooling pump, stainless-steel tank, and radiator (optional)
- Automatic cooling valve
- Automatic pressure inlet valve
- Automatic pressure exhaust valve
- One (1) high-resolution pressure transducer
- Safety Relief Valve

#### CPC-NT™ control system

The Econoclave™ comes standard with the world's leading autoclave control software, CPC-NT. CPC-NT is the industry standard for control of composite processes in autoclaves, ovens, and presses. Over 1000 pieces of equipment world-wide are controlled by CPC.

The CPC-NT software is the heart of the autoclave process; it controls all aspects of the autoclave and curing process, and guarantees adherence to material specifications at all times.

#### Capabilities

- Fully-automatic cure cycles
- Data-acquisition at user-specified intervals
- Automatic leak-test and integrity-checks
- Ability to cure a 36" x 60" panel.
- Excellent +/-5 °F uniformity
- Accurate control of pressure, temperature, and vacuum
- Meets Boeing autoclave specification

#### Price

Prices range from \$90,000.00 to \$105,000, depending on selected options.