

Desktop Autoclave



Compact, affordable Aerospace Autoclave with state of the art features

Ideal for Academic and Research institutions for composites processing

Specifications

Working Space:	450mm dia. and 500mm length
Maximum temperature:	200°C
Maximum Pressure:	7 bar (g)
Control System:	Touch screen based PLC with Auto & Manual modes
Heating rate:	0 to 3°C/ minute on air
Cooling rate:	1°C/ min. (Avg.) up to 70°C on air
Temperature control accuracy:	± 1°C (Air temperature)
Temperature uniformity:	± 2°C (Under steady state conditions)
Pressure control accuracy:	± 0.1 bar
Vacuum display accuracy	± 0.5% FSR (Digital)
Max. vacuum at source	3 m bar
Total Power rating:	7 kW single phase

Salient Features

- Fail safe and easy to operate
- Quick lock hinged door with integrated lock ring
- Compact table mounted
- Works on 32A, 230V Single phase power supply
- Forced air circulation with compact pressurized fan
- Fits in a space of 1.5m cube.
- Optional closed water circulation system
- Optional compressed air system
- Automatic vacuum bag failure protection
- Air less, solenoid operated control valves

Safeties

- Burst Disc
- Double Safety Relief Valve
- Wedge Lock Type Door Safety
- High Pressure switch.
- Thermostat.
- Emergency Dump Valve
- Earth fault protection at Incomer
- Protection for blower and Vac. pump
- Emergency stop Push button
- Key switch for cure start



For more information, please contact

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