

SO-8 Oven for HT-8



SO-8 Shear Test Oven

The ChemInstruments SO-8 Shear Test Oven is a forced-ventilation oven with a ramping controller for performing heat-fail temperature shear testing of hot melt and pressure sensitive adhesives. It complies with the SAFT test method ASTM D4498. The variability of SAFT tests depend on the mass in the oven, specific heat factors, wattage of the heating system, fan speed, program and operator technique. The SO-8 is the result of ChemInstruments development of a standard rack, controller and oven combination, which greatly aids in producing uniform results between laboratories using this system.

- 15 segment/30 step programmable controller.
- Ramping controller is capable of maintaining up to 10 different programs.
- Oven temperature can go up to 500° F (260° C).
- Temperature maintained with +/-1% of differential. Capable of temperature rise of 1 degree F per min.
- Accommodates the HT-8 - High Temperature 8 Position shear Tester (The clock box of the HT-8 fits on top of the oven).
- Electrical requirements - 120 Volts; 14 A.
- 3 inside shelves provided with 6 possible positions.
- Viewing window in door.

Dimensions (approx.)

| | Outside | Inside |
|--------|-----------------|---------------|
| Height | 35" (88.4cm) | 19.7" (50cm) |
| Width | 28" (70cm) | 23.5" (60cm) |
| Depth | 22" (54cm) | 19.7" (50cm) |
| Weight | 143 lbs.(65 Kg) | |

Options

- 240 V 50 Hz