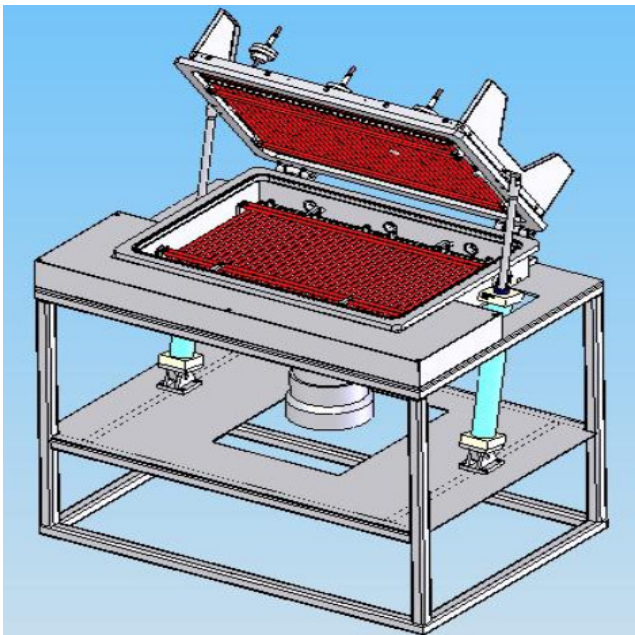


## ATS-Rapid Heating Series Vacuum Oven for Drying CNT Pastes



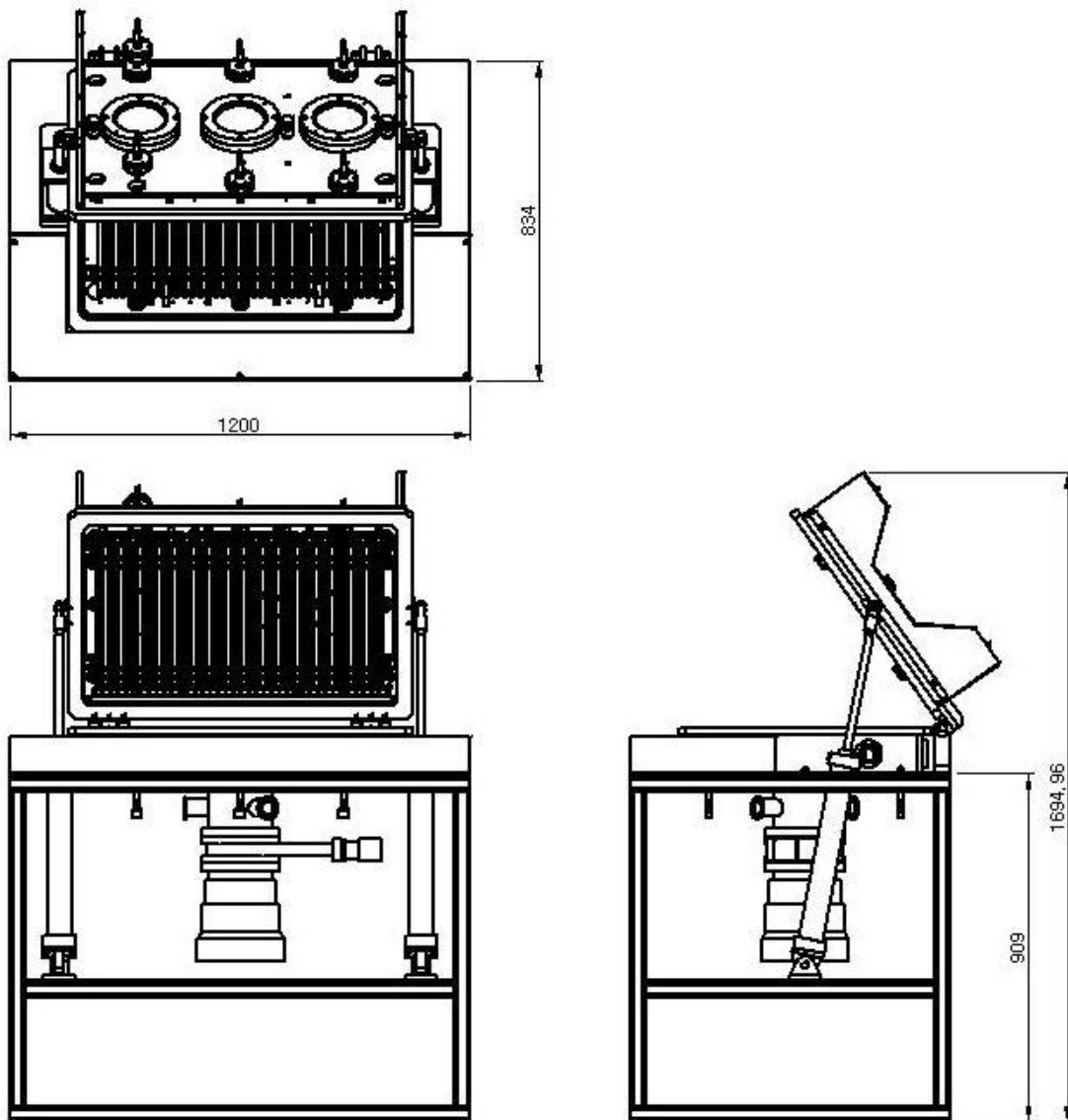
### Special Features

- ◆ Rapid heating system equipped with halogen lamps (Max. Temp. 800°C on request)
- ◆ Basic process recipes suggested on customer request
- ◆ Ramp rate is precisely controlled by PLC (local area control with 10 controllers)
- ◆ Heated area: 600x500 (mm<sup>2</sup>)
- ◆ Vacuum sealing of display module is optionally possible in chamber
- ◆ Sheet capacity  
1 × 27" (600x500)
- ◆ Average throughput  
Up to 21,000 sheets per year
- ◆ Dimension : 1,200L × 1,700H × 840W
- ◆ Others  
Power : 220V, 3 phase, 200A  
Gas : Ar  
Heater : halogen lamp  
Pump : rotary (600l/min), turbo (400l/sec)
- ◆ Applications  
CNT paste drying  
Field emission test



Schematic diagram of vacuum heating system

◇ Layout



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