

TCH-595- Degassing System



The **TCH-595** is a high vacuum oven, which provides three main functions:

1. Heating the chamber
2. Pumping down the chamber (reducing the pressure into the chamber below atmosphere pressure).
3. Venting the chamber - raising the pressure into the vacuum chamber to Atmospheric Pressure.
- 4 Active control of outgasing components

Technical Data

Ultimate pressure:	less than 1×10^{-6} Torr
Pump Down Time:	9×10^{-6} Torr in 30 min
Frame:	closed type, aluminum anodizes profiles
Roughing Vacuum pump:	
Nominal pumping speed:	18 m ³ /hrs
Turbo-molecular Vacuum pump:	
Nominal pumping speed, N2:	550 l/min
Guaranteed ultimate pressure:	1.5×10^{-10} Torr
Chamber:	500mm I.D. x 500mm Depth horizontal stainless steel cylinder, 100 liter volume
Heating Range:	up to 110°C and not less than ambient temperature
Requirements:	
Compressed air:	60 to 125 psig inlet pressure, filtered and dried
Vent gas (optionally):	Nitrogen, filtered and dried at 30 psig