



# Contamination Study Furnace



This furnace is dedicated for high temperature processing of intentionally contaminated 2" wafers. The quartz tube is currently utilized for Nickel contaminated wafers. For any other studies, different quartz tubes can be used.

## *System Specifications:*

- Capability to process 2" wafers.
- Quartz tube dimensions: Length- 30",  
OD- 95mm.
- Gas Inlets available: O<sub>2</sub>, N<sub>2</sub>.
- Maximum temperature: 1100°C.
- Temperature controller: TAIE PFU48.
- Temperature indicators to show temperature at three points in the zone.
- Natural cooling.



## *Features:*

- 8-step ramp up/ramp down programming of temperature controller
- Software interface for programming temperature controller & recording process recipes