

Glimpse of 2 inch Phosphorus Diffusion Furnace

Model & Make: Urjas Tube Furnace 3-STF

Phosphorus diffusion furnace is the bottom furnace in the stack of three. It is dedicated for phosphorus paste diffusion. For any other sources of phosphorus, separate quartz tube can be used.

System Specifications:

- Capability to process 2" wafers.
- Gas Inlets available: O₂, N₂.
- 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