

Tystar - Tube 6 (General Anneal)

Overview

An atmospheric-pressure quartz tube furnace for general annealing and glass bonding. No metals are allowed in this furnace; metal-containing wafers can be annealed in the [Muffle Furnace](#) or Tystar Doped Anneal tool.

LMACS Name	Tystar General Anneal (tube 6)
Process Area	ANCILLARY
Model	Tytan Mini Series
Vendor	Tystar
Team	Timothy Harrison Aaron Hryciw Glenn Elaschuk

Process Gases

Process Gases	Max Flow (MFC Range)
N2	10000 sccm

Temperature Range

Zone	Min	Max
1	400 C	1100 C
2	400 C	1100 C
3	400 C	1100 C

Borofloat-Borofloat Bonding

This tube is used for Borofloat-Borofloat bonding activities as used in the nanoFAB standard glass microfluidics process flow.

Documents

Operating Procedure	Tystar General Anneal SOP
Hazard Assessment	Tystar Tubes 5, 6, and 7 HA

Related Documents

- [Tystar - Tube 6 \(General Anneal\)](#) (Equipment)
 - [equipment](#)
 - [tystar](#)
 - [tube6](#)
 - [ancillary](#)