



Seagate Engineering Ltd. installed a 5m<sup>3</sup>/h nitrogen generator for the annealing furnace with a purity of 99.5% and a working pressure of 5KG/CM<sup>2</sup>.

The nitrogen generation technique for Schitt annealing is to heat to and maintain at a suitable temperature and then cool at a suitable rate to reduce hardness, improve machinability, promote cold working, produce desirable microstructures or obtain desirable mechanical, physical or other properties.

Seagate annealing can be performed in a variety of different furnace atmospheres, depending on the material involved, including combustion products, nitrogen,

nitrogen/hydrogen mixtures, exothermic and endothermic gases, dissociated ammonia (or dissociated ammonia diluted with nitrogen), hydrogen, and vacuum.

Other generic names and related topics are listed below.

Isothermal annealing

Subcritical annealing

Process annealing

Softening stabilization

Recrystallization annealing

Spherical annealing

Suzhou XITE sells a range of products for annealing furnaces

Model	Capacity m <sup>3</sup> /h
XTFD-5	5 m <sup>3</sup> /h

