

## Tube Furnace



A tube furnace is an electric heating device used to conduct syntheses and purifications of inorganic compounds and occasionally in organic synthesis. One possible design consists of a cylindrical cavity surrounded by heating coils that are embedded in a thermally insulating matrix.

### Specifications:-

Temperature Range	:	800°C
Gases allowed	:	N <sub>2</sub> , Ar, O <sub>2</sub>
Substrate allowed	:	Glass, Quartz, All kinds of semiconductor wafers
Material allowed	:	Organic, Inorganic, Metalorganic