

Tube Furnace

S1 / S2

Principle:

Classic tube furnace for heat treatment under controlled furnace atmosphere

Manufacturer	own construction
Furnace Type	horizontal tube furnace
Heating System	resistance heating (SIC), outside
Useable Volume	diameter approx. 100 mm, usable length approx. 250 mm
Useable Gases	inert gases, hydrogen, oxygen- containing gases
Useable Gas Flow	1 - 5 l/min
Pressure Range	normal pressure pre-vacuum (work tube-dependent)
Temperature Range	up to 1300 ° C (depending on the working tube)
Optional Equipment	<ul style="list-style-type: none">• various exchangeable working tubes (Nicrofer, Al₂O₃, quartz glass)• heated exhaust pipes• evacuable via flexible pumping stations