

Tube Furnace

R1 - R4

Principle:

Classic tube furnace for heat treatment under controlled furnace atmosphere

Manufacturer	HTM Reetz
Furnace Type	vertical tube furnace
Heating System	resistance heating, outside
Useable Volume	diameter about 35 mm, maximum 50 mm possible, usable length approx. 100 mm
Useable Gases	inert gases, hydrogen
Useable Gas Flow	0 - 2 l/min
Pressure Range	normal pressure pre-vacuum (work-tube-dependent), partial pressure approx. 50 mbar (dynamic)
Temperature Range	up to 1100 ° C (depending on the working tube)
Optional Equipment	<ul style="list-style-type: none">• various exchangeable working tubes (Al₂O₃, fused silica)• laboratory setup with gas post-cleaning (residual impurities in the ppb range)