

# Tube Furnace

TT2 / TT3

## Principle or rather typical Use

Classic tube furnace for heat treatment under controlled furnace atmosphere

<b>Manufacturer</b>	Thermal Technologies
<b>Furnace Type</b>	horizontal tube furnace
<b>Heating System</b>	resistance heating, outside
<b>Useable Volume</b>	diameter approx. 80 mm, maximum 140 mm possible, usable length approx. 250 mm
<b>Useable Gases</b>	inert gases, oxygen-containing gases
<b>Useable Gas Flow</b>	0 - 5 l/min
<b>Pressure Range</b>	normal pressure pre-vacuum (work-tube- dependent), partial pressure approx. 50 mbar (dynamic)
<b>Temperature Range</b>	up to 1300 ° C (depending on the working tube)
<b>Optional Equipment</b>	<ul style="list-style-type: none"><li>• various exchangeable working tubes (Nicrofer, Al<sub>2</sub>O<sub>3</sub>, fused silica)</li><li>• heated exhaust pipes</li><li>• evacuable via flexible pumping stations, partially suitable for binder-containing gases</li></ul>