

# Tube Furnace

D1 / D2

## Principle:

Classic tube furnace for heat treatment under controlled furnace atmosphere

<b>Manufacturer</b>	Elektromat Dresden
<b>Furnace Type</b>	horizontal tube furnace
<b>Heating System</b>	resistance heating, outside
<b>Useable Volume</b>	diameter approx. 80 mm, max. usable length approx. 600 mm
<b>Useable Gases</b>	inert gases, hydrogen, oxygen- containing gases
<b>Useable Gas Flow</b>	1 - 5 l/min
<b>Pressure Range</b>	normal pressure pre-vacuum (work tube-dependent)
<b>Temperature Range</b>	up to 1200 ° 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>, quartz glass)</li><li>• heated exhaust pipes</li><li>• evacuable via flexible pumping stations</li></ul>