

# Hot Press HP2



## Principle:

System for compacting powders under pressure at elevated temperature in the absence of oxygen

<b>Manufacturer</b>	<b>FCT Anlagenbau GmbH</b>
<b>Pressing Force</b>	max. 1500 kN
<b>Special Equipment</b>	Split press cylinder with different piston surfaces → therefore 2 press force ranges usable
<b>Piston Stroke</b>	max. 220 mm
<b>Heating</b>	Graphite heater
<b>Temperature Range</b>	Maximum temperature: 2300 °C continuous operating temperature: 2000 °C
<b>Sample Chamber</b>	Furnace chamber: max. Ø450 x H650 mm tool size: max. ø420 x H550 mm
<b>Tool Geometry</b>	tool-ø from 50 to 250 mm as well as tube and rectangular geometries
<b>Usable Atmospheres</b>	Inert gases (Ar, N <sub>2</sub> ), pre-vacuum, high vacuum, partial pressure