

# Spark Plasma Sintering

## Principle

Compression of powders under pressure and high temperature;  
Warming through passage of electrical current (pulsed direct current).

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<b>Manufacturer</b>	FCT Systeme GmbH
<b>Press Force</b>	$\leq 2.500 \text{ kN}$
<b>Piston Stroke</b>	max. 200 mm
<b>Working Temperature</b>	$\leq 2.200 \text{ }^\circ\text{C}$
<b>Rate of Heating</b>	max. 300 K/min
<b>Vacuum</b>	$5,0 \times 10^{-2} \text{ mbar}$
<b>Max. Pressure</b>	8 V

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