

From development to production:

Additive Manufacturing of Ceramic Components



Personalized and complex products



Faster development times

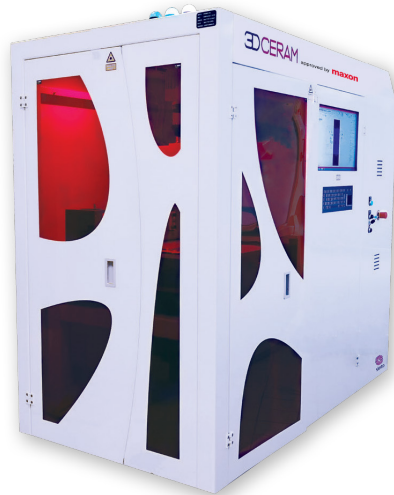


From 14 days to prototype

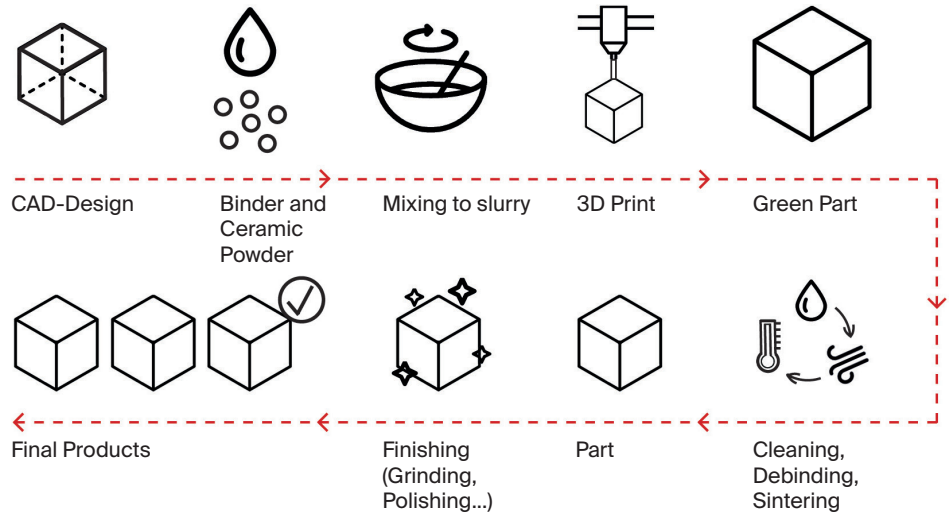


Everything from one source

3D Printer



Process Flow



Technical data		
Tank capacity	mm ³	300 x 300 x 100
Lateral resolution	µm	70
Vertical resolution	µm	25
Manufacturing tolerances		ISO 2768mk
Minimum bore diameter	mm	0.5
Minimum/maximum wall thickness	mm	0.3 - max. 4

Materials	
Currently available materials	ZrO ₂ , Al ₂ O ₃
Other materials possible after consultation and technical clarification	Zr8Y, Silicium Nitride, ATZ, ZTA, Cordierite, Hydroxyapatite (HAP), Tricalcium phosphate (TCP)

Necessary data for technical clarification
 Drawings and STEP, STL, Solid Works or ProEngineer PRT

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