

# GeniCore's U-FAST

## Ideal technology for:

- Consolidation a wide range of innovative materials
- Sintering non-conductive materials
- Nano-grain materials thanks very short pulses below 1ms
- Low temperature sintering materials
- High thermal conductive materials



### Parameters U-FAST GeniCore

Parameters	U-FAST GeniCore
Pulse duration [ms]	0.8 - 500.0
Pulse duration [ms]	1.0 - 500.0
Number of pulses	1 - 500
Additional pause [ms]	0.0 - 999.0
Maximum pulse current [kA]	10
Maximum pressing force [kN]	350
Dimension components [mm]	max. 85
Vacuum [mbar]	10 <sup>-6</sup>

### Low energy consumption

Parameters	U-FAST (dia=20mm)
Sintering (min)	10
Power consumption kWh/ sample	~ 0,8



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