

Debinding Furnace

MUT 4

Principle

Furnace for the selective debinding of highly binder-containing components under partial pressure.

Manufacturer	MUT Jena
Furnace Type	vertical hot-wall furnace
Heating System	resistance heating, outside
Usable Volume	diameter approx. 1000 mm, height approx. 500 mm
Useable Gases	nitrogen, argon, hydrogen
Useable Gas Flow	0 - 20 l/min each gas
Pressure Range	pre-vacuum, normal pressure with continuous gas flow partial pressure 3 - 150 mbar with regulated gas flow
Temperature Range	up to 700 °C in vacuum operation up to 1150 ° in normal pressure mode
Optional Equipment	gas humidifier, binder resistant vacuum pump, heated exhaust system