

HT-S/metal



The HT-S/metal is another member of the Mihm-Vogt series HT-S.

Beside his standard programs the argon sintering furnace is individually programmable and allows sintering of CoCr alloys up to a sintering temperature of 1400 °C. Due to the combination of the four-part sintering guard with sintering beads under an argon atmosphere good sintering results will be achieved.

Thanks to the optional exhaust system there are almost no binder residues in the metal and inside the heating chamber.

Because of the proven night-time function of the furnace control the sintering cycle of approximately 4.5 hours* can be planned into the production processes beyond the lab hours.

*depending on the material specifications



Technical data

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Maximum temperature	1400 °C
Combustion chamber volume	1 sintering guard set (up to 20 individual crowns)
Power max.	1300 W
Voltage range	200 - 240 V
Weight kg	58
Dimensions W/H/D cm	39/78/50
Heating elements 4 units	MoSi ₂ -Standard, 140
Thermocouple	PtRh-Pt 140 mm, Type S
Program control	LCD Display; 4 dwelling steps, 25 programs free Text input, four-line display
Interface	RS232
Connections	For argon For compressed air (only in combination with the exhaust system)

Subject to modifications.

Standard equipment



Sintering guard set



Removal pliers



YTZ sintering beads
1.25 mm

Exhaust system (optional)



Exhaust system

> extracts the binder residues automatically off the heating chamber while debinding