

Miditherm 100 and Miditherm 200

The right preheating furnace in the right size to meet all requirements!



- > Reliable burning out and preheating due to a maximum temperature of 1100°C
- > Flexible programming for all applications in the laboratory
- > Precise thermocouple rules out miscasts due to the incorrect temperature of the casting rings
- > No temperature differences in the casting rings thanks to 4-zone heating for consistent casting results
- > Low operating costs and energy consumption due to the outstanding heat insulation for cost-effective operation

Reliable burning out and preheating

Our Miditherm furnaces are suitable for all standard applications in dental technology. Due to the maximum achievable temperature of 1100°C Miditherm 100 and 200 cover all standard applications in CrCo work as well as crown and bridge work.

Flexible programming

A total of four programmable holding stages per programme, infinitely variable selection of the heat rate from 1 – 9° C/min. and a speed programme are available.

All factory programmes can of course be adapted to individual requirements or completely overwritten.

The advantage for you: A furnace for all applications, extremely space saving and energy efficient!



Precise

The microprocessor, in combination with the precision thermocouple, monitors the temperature in the chamber and ensures that temperatures are maintained. The advantage for you: No miscasts due to the incorrect temperature of the casting rings!

4-zone heating with 1,100°C

The heating elements are arranged on four sides and heat the casting rings uniformly from all sides. The advantages for you:

- No temperature differences in the casting rings
- Consistent casting results
- No heat accumulation

The heating elements are made from Kanthal coils, which are embedded in robust industrial ceramic.

The advantage for you: Reliability and a long service life of the furnace.

Automatic calculation of the start time

With many preheat furnaces on the market the switch-on time for the planned start requires tedious calculation.

With our units you enter the planned casting time of the rings, the unit calculates the start time for you and switches on automatically. Remarkably simple programming!



Large or small: you have the choice!

Maximum capacity of the ring chamber with the Miditherm 100 range:

- 12 x size 3 casting ring
- 4 x BEGO large mould former, blue

Maximum capacity of the ring chamber with the Miditherm 200 range:

- 32 x size 3 casting ring
- 9 x BEGO large mould former, blue

Heat-proofing insulation

The heat proofing of the Miditherm series is outstanding: it is achieved using ceramic fibre insulation. The advantage for you:

The required final temperature is reached quickly; this makes the energy consumption surprisingly low.

Every Miditherm preheating furnace has a nozzle on the back that can be used to connect a flue or furnace extraction – such as Regulus.

Miditherm 100 MP and 200 MP

Technical data:

	100 MP	200 MP
Height	480 mm	600 mm
Width	350 mm	470 mm
Depth	420 mm	550 mm
Mould chamber: Height	95 mm	100 mm
Width	150 mm	200 mm
Depth	180 mm	250 mm
Rated voltage	200–240 V, 50/60 Hz	200–240 V, 50/60 Hz
Special voltages	100–120 V, 50/60 Hz	
Power at rated voltage 230 V	1.600 W	2.700 W
Temperature	max. 1.150 °C	max. 1.150 °C
Weight	approx. 28 kg	approx. 56 kg
Regulus		
Height		570 mm
Width		125 mm
Depth		110 mm
Rated voltage	220-240 V, 50/60 Hz	
Weight		2.8 kg

Subject to modifications in design, scope of delivery and composition. Our instructions on use and recommendations are based on our own experience and trials and can only be regarded as guidelines. Date of issue: December 2010.

Availability:	Unit	Pieces	REF
Miditherm 100 MP			
with ceramic base plate	piece	1	26150
Miditherm 200 MP			
with ceramic base plate	piece	1	26155
Accessories:			
Ceramic base plate for Miditherm 100		1	34954
Ceramic base plate for Miditherm 200		1	13984
Thermocouple for Miditherm 100/200	1 pack	2	14087
Extraction pipe for Miditherm 100/200, short		1	35544
Spare heating mould for Miditherm 100		1	34956
Spare heating mould for Miditherm 200		1	13985
Regulus furnace extraction system			25750