

... for high demands

## Technical Data

# MULTIMAT® Touch

The New Furnace-Dimension

Are you hard to please? We are eager to ease:

1

Designed according to your specifications ...

2

Versatile ...

3

Easy to program ...

4

With an integrated graphic display ...

5

Provided with multipurpose interfaces ...

### MULTIMAT® Touch

**Height:** closed ca. 435 mm,  
open ca. 585 mm

**Width:** ca. 320 mm  
**Depth:** ca. 425 mm  
**Weight:** ca. 27 kg

### MULTIMAT® Touch & Press

**Height:** closed ca. 525 mm,  
open ca. 675 mm

**Width:** ca. 320 mm  
**Depth:** ca. 425 mm  
**Weight:** ca. 28 kg

**Voltage:** 90 – 265 V  
**Frequency:** 50 – 60 Hz  
**Power:** 1300 VA  
without pump

Parameter	Lower Limit	Upper Limit
<b>Standby temperature</b>	100 °C/212 °F	600 °C/1112 °F
<b>Temperature</b>	20 °C/68 °F	1200 °C/2192 °F
<b>Time</b>	00:00 seconds	99:60 hours
<b>Heating rate controlled</b>	0.1 °C/0.18 °F/min	120 °C/248 °F/min
<b>Heating rate max.</b>		ca. 120 °C/248 °F/min
<b>Cooling rate</b>	1 °C/33.8 °F/min	120 °C/248 °F/min controlled
<b>Cooling rate max.</b>		Heating off
<b>Height of vacuum</b>	0 hPa/0 inHg	1013 hPa/29 inHg
<b>View</b>	00:01 min	03:00 min
<b>Vacuum on</b>	20 °C/68 °F	1200 °C/2192 °F
<b>Vacuum off</b>	20 °C/68 °F	1200 °C/2192 °F
<b>Firebox positions</b>		150
<b>Degrees</b>	1	9

### Display (monochrome or colored)

- 5.7", 320 x 240 dots
- Dimensions: 154.6 x 114.8 x 8.5 mm
- Visible range: 118.8 x 89.38 mm

### Number of Programs

- 300

### 3 Interfaces

- Network
- PC/printer port
- Smart card reading device

Subject to technical alterations

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40006/0903/GVD



# MULTIMAT® *Touch* – the benchmark ...

# ... for a new way of working economically



The MULTIMAT® *Touch* breaks new ground with its efficient and flexible modular furnace concept. From now on, you can tailor your furnace to your own particular needs as a ceramist. The MULTIMAT® *Touch* is perfectly equipped with a touchscreen and a powerful microprocessor, a full-color display, a PC/printer interface and 300 programs.

Our modular concept enables you to keep up with the growing market demands for new materials by accommodating all-ceramics, low-fusing and high-fusing porcelains, pressables, etc. – DENTSPLY makes this individuality affordable, as you buy only those options you really require.



## 1

... as it offers **complete adaptability**.

Through its contemporary modular design, the Multimat® *Touch* can be adapted to your specifications even if you decide to upgrade later on.



## 2

... because it can be **expanded to a ceramic/press furnace**.

A combination furnace simplifies the two working processes in one piece of equipment. Consider that an independent pressing furnace is far more expensive than the upgrade with the pressing unit of the Multimat® *Touch*.



## 3

... due to its **exceptional digital touchscreen interface**.

This touchscreen makes programming a delight, not just with its ease of use but also its resistance. These features make this touchscreen a perfect medium of interaction.



## 4

... that cuts a fine figure not **in black and white**.

The full-color screen is very easy-to-read. Its graphic abilities allow you to view the whole firing chart in detail to see an overview of the specific program running.



## 5

... that allow you to **communicate with a PC/printer or other Multimat® *Touches***.

The optional PC/printer software enables you to backup your individual programs and to print firing/pressing programs for protocol purposes. This function is possible using any commercial serial printer.

**We have the future in our program – and the costs under control.**

### Intuitive menu guidance

The intuitive menu guidance leads you step-by-step through all sequences. Each step is clearly explained, so that every user will be comfortable creating new programs.

### Number of programs

With 300 programs, many technicians can use the furnace and enter their own personal programs.

### Costs

Just because this is the last topic on this page, it doesn't mean that we try to hide our price. To the contrary! We want you to buy the Multimat® *Touch* because of its exceptional new concept and design, not just because it is inexpensive. The fact that the Multimat® *Touch* is one of the most convenient furnaces on the market is just icing on the cake!